

Legend

Interstate

U.S. Highway

State Highway

Local Roads

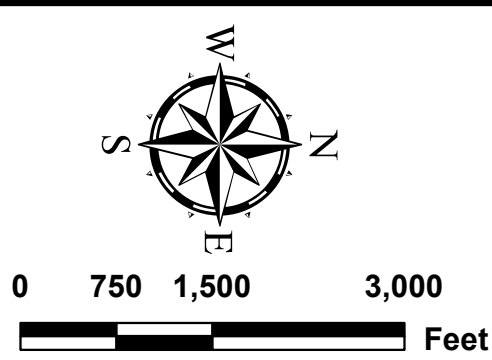
City of Hobart

Hobart Sanitary District

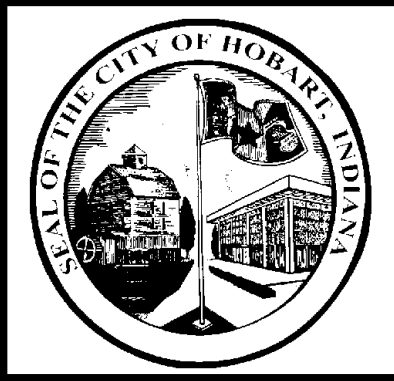
Gary Sanitary District

Merrillville Conservancy District

REVISIONS		CREATED BY:
No. 1:		j mccann
No. 2:		DATE:
No. 3:		03/03/2014
No. 4:		CREATED FOR:
No. 5:		2014 EPA Data Request

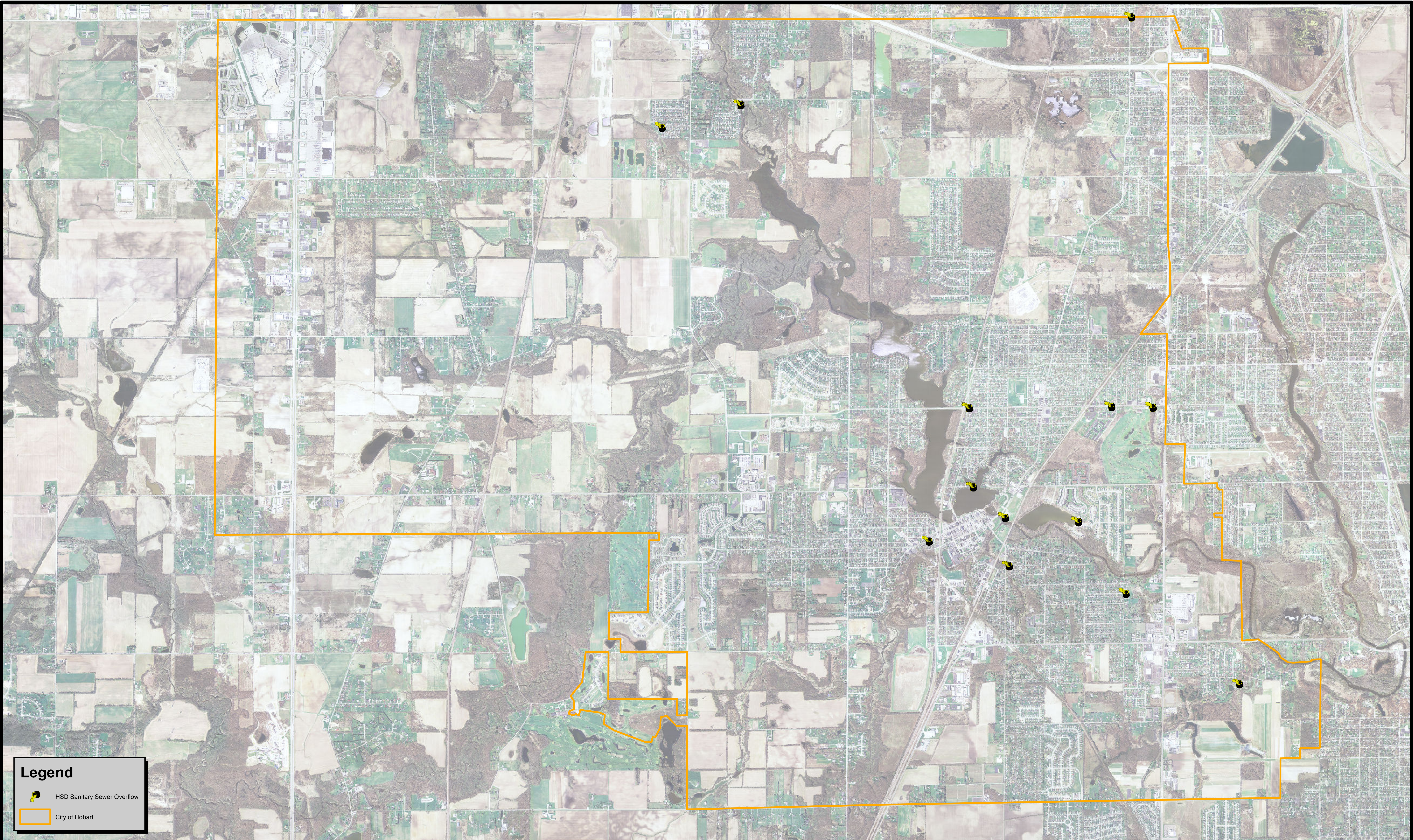


WWTP Service Areas





CITY OF HOBART
LAKE COUNTY, INDIANA

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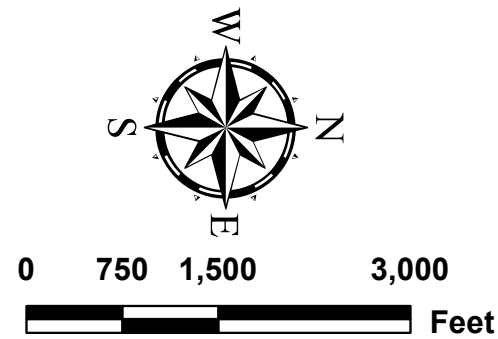


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 HSD Sanitary Sewer Overflow

 City of Hobart

REVISIONS		CREATED BY:
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No. 2:		DATE:
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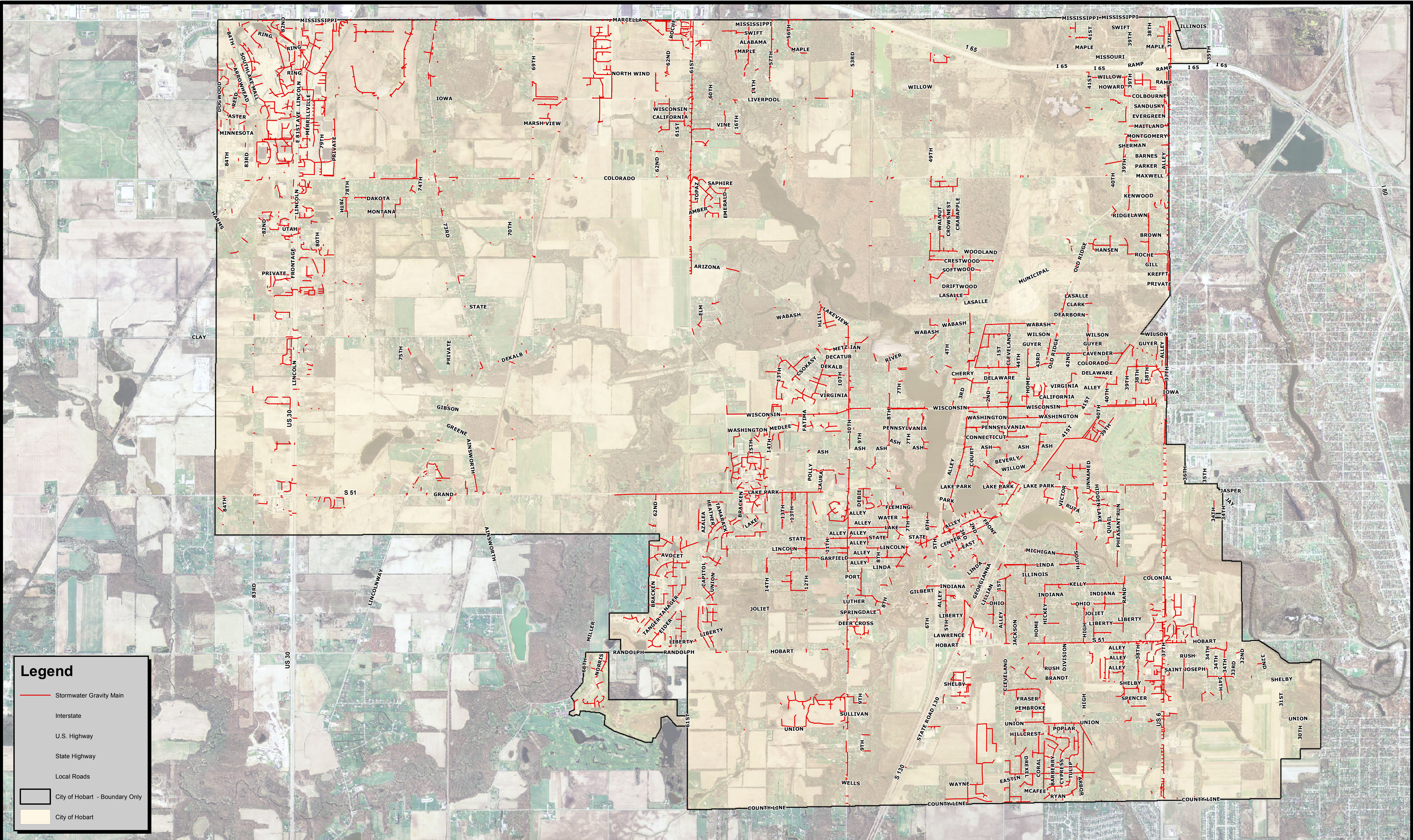


SSO Location Map

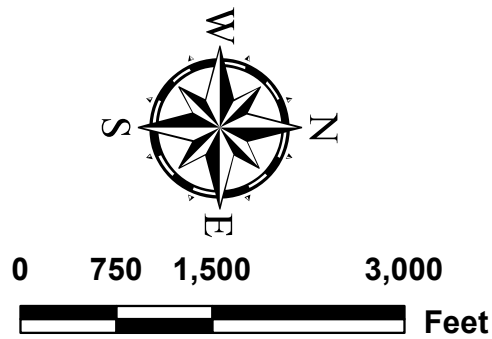


CITY OF HOBART
LAKE COUNTY, INDIANA

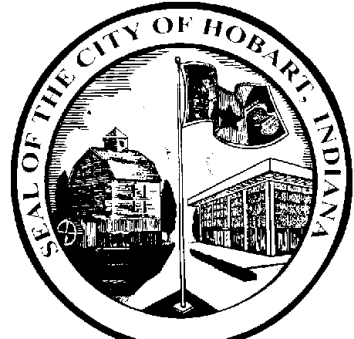
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No. 2:		DATE:
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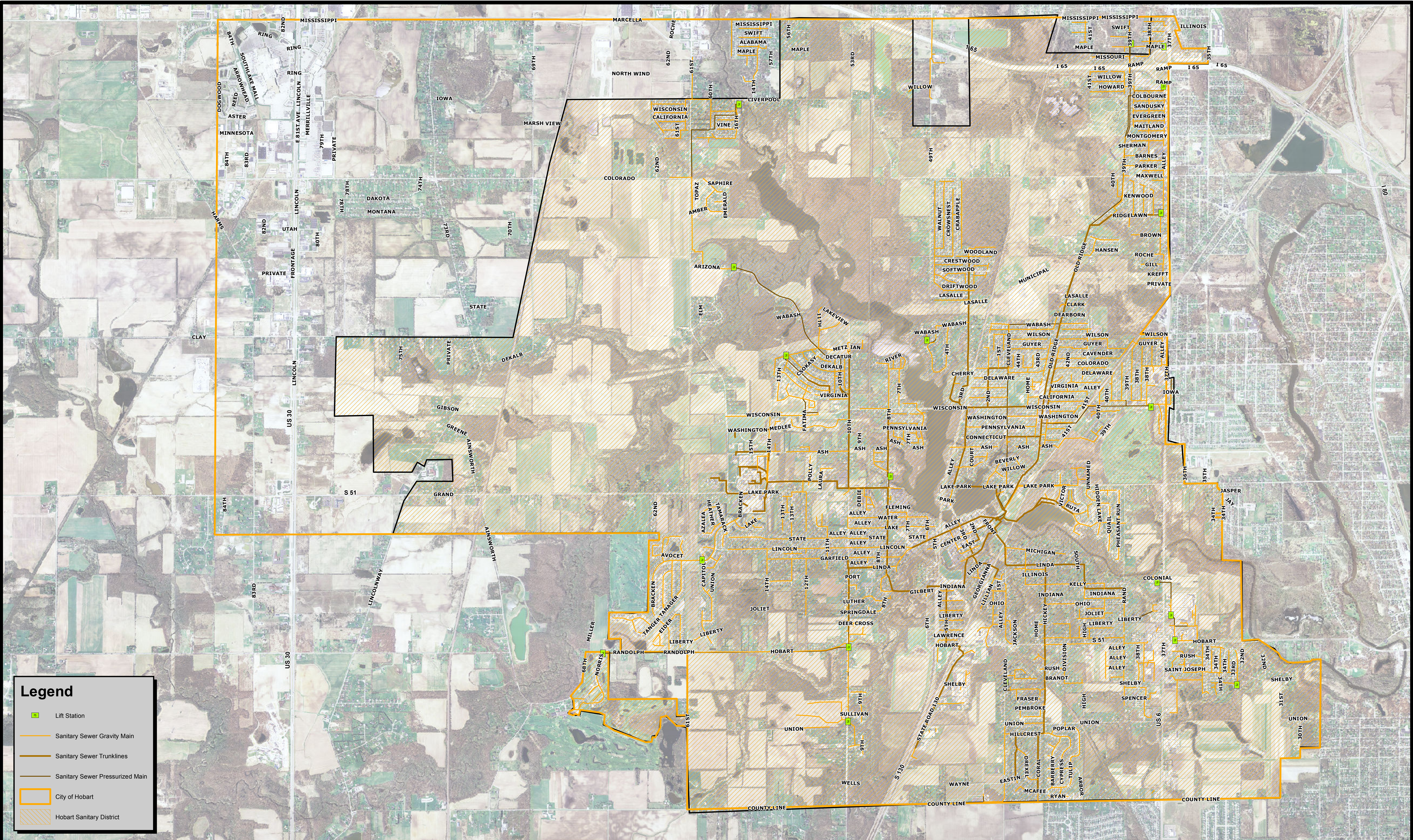


Storm Sewer System Pipes

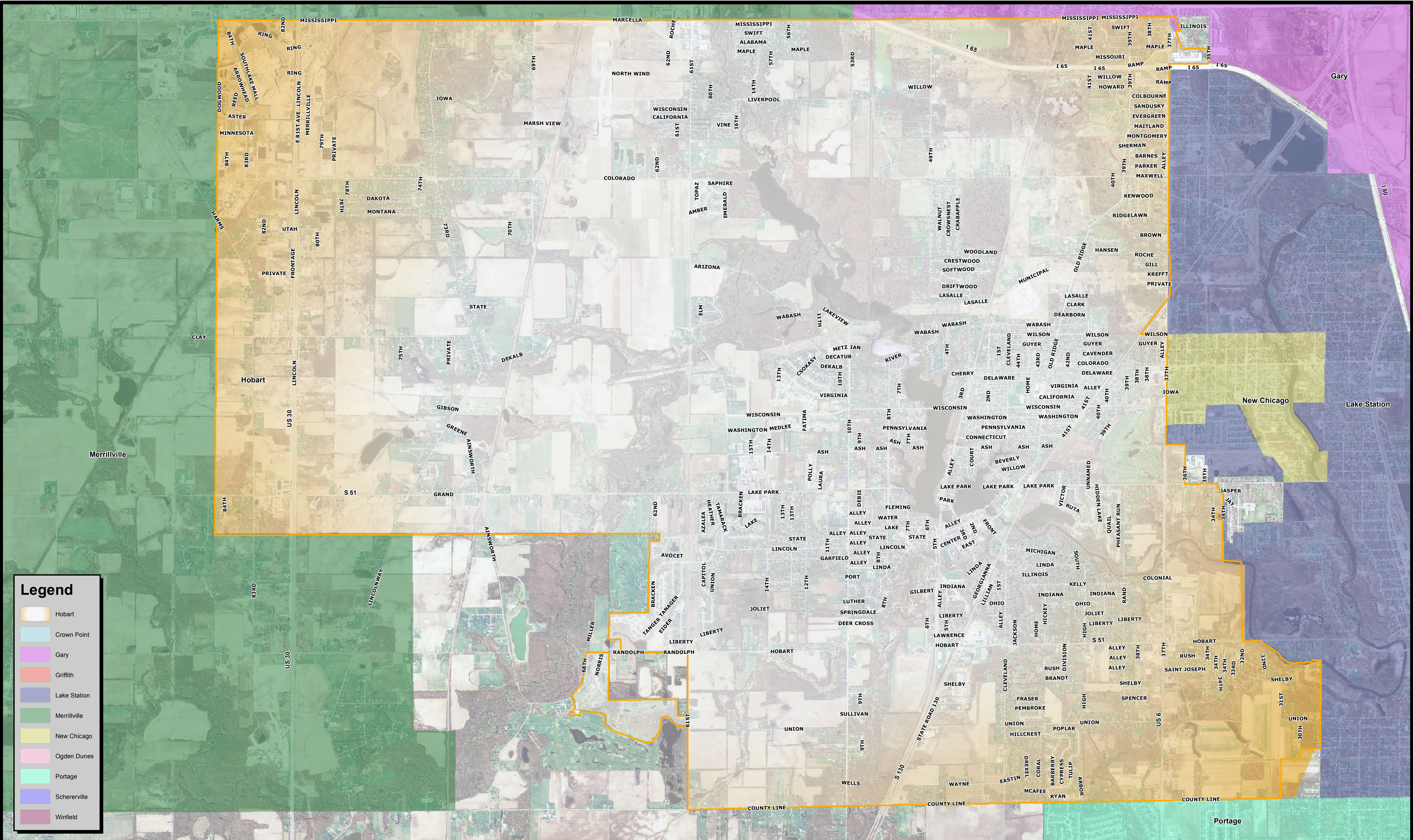


CITY OF HOBART
LAKE COUNTY, INDIANA

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Legend

Hobart

Crown Point

Gary

Griffith

Lake Station

Merrillville

New Chicago

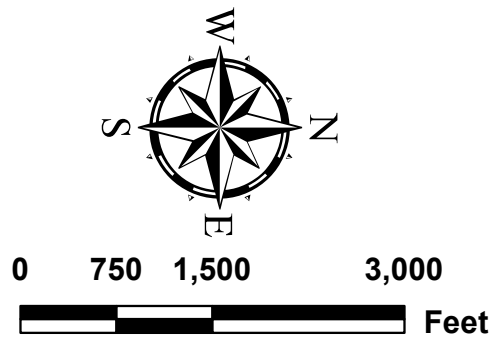
Ogden Dunes

Portage

Schererville

Winfield

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No. 1:		j mccann
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No. 3:		03/03/2014
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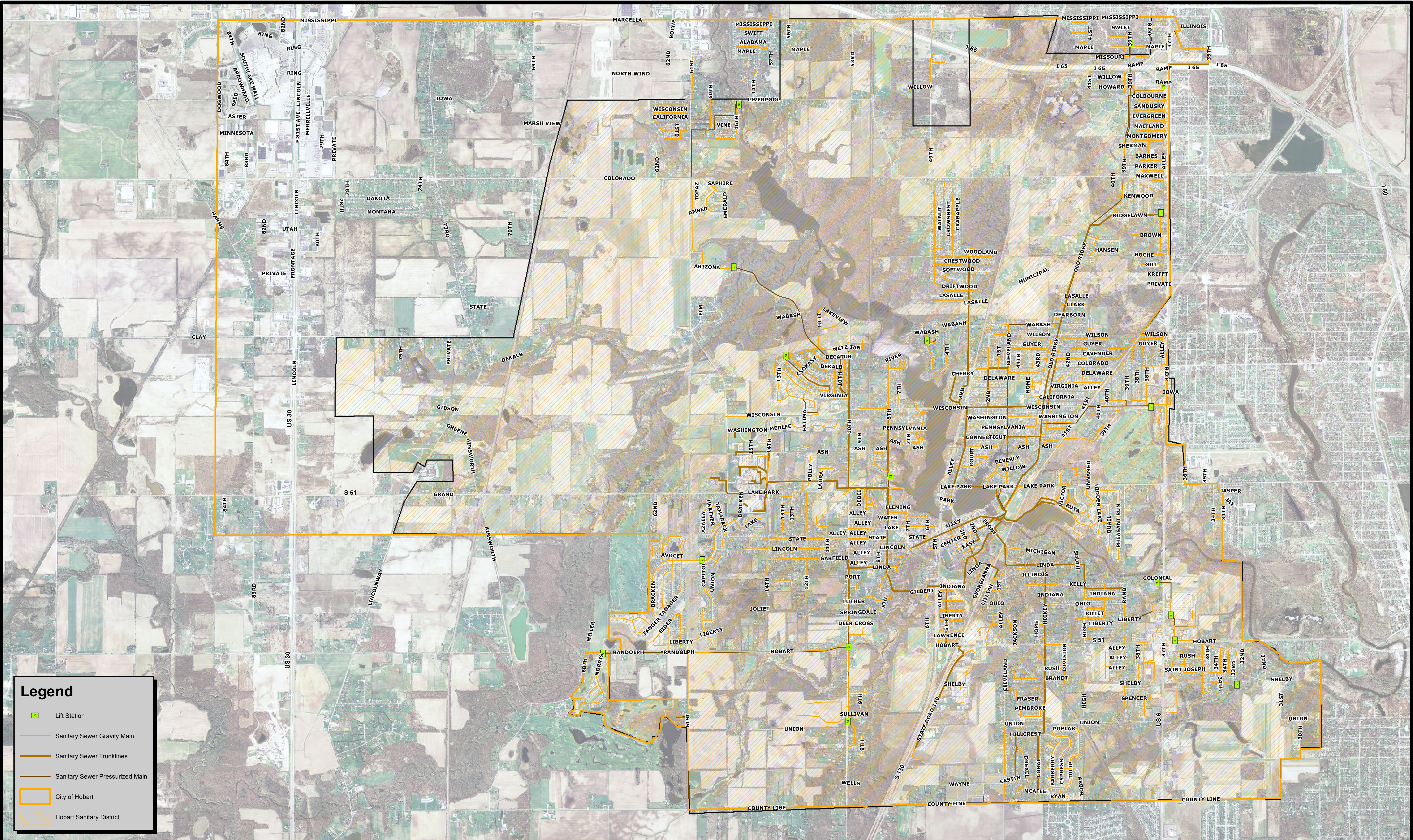


Collection Municipal Boundaries



CITY OF HOBART
LAKE COUNTY, INDIANA

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Lift Station

Sanitary Sewer Gravity Main

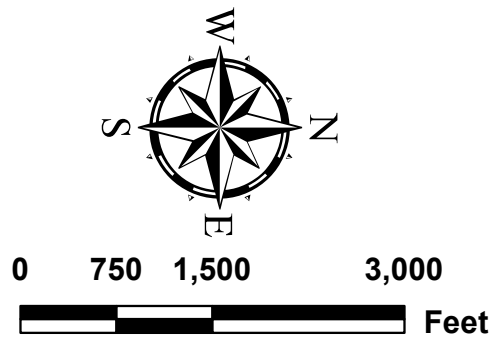
Sanitary Sewer Trunklines

Sanitary Sewer Pressurized Main

City of Hobart

Hobart Sanitary District

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No. 2:		DATE:
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Sanitary Sewer System Pipes



CITY OF HOBART
LAKE COUNTY, INDIANA

UMBAUGH

H. J. Umbaugh & Associates
Certified Public Accountants, LLP
112 IronWorks Avenue
Suite C
Mishawaka, IN 46544
Phone: 574-935-5178
Fax: 574-935-5928
www.umbaugh.com

June 3, 2015



Hobart Sanitary District
414 Main Street
Hobart, IN 46342-4444

RE: Historical Financial Data

Dear Board Members:

The attached schedules (listed below) present unaudited and limited information for the purpose of discussion and consideration of historical financial data by appropriate officers, officials and advisors of the Hobart Sanitary District. The use of these schedules should be restricted to this purpose, for internal use only, as the information is subject to future revision and final report.

Page

- 2 Comparative Schedule of Selected Financial Information Arising From Cash Transactions
- 3 Comparative Schedule of Cash Receipts and Disbursements – Wastewater
- 4 Comparative Schedule of Cash Receipts and Disbursements – Stormwater
- 5 Comparative Schedule of Cash Disbursements – Sewage & Stormwater

We would appreciate your questions or comments on this information and would provide additional information upon request.

Very truly yours,

UMBAUGH

John D. Julien

A large, stylized handwritten signature in black ink, appearing to be "John D. Julien", written over the printed name.

HOBART SANITARY DISTRICT
Hobart, Indiana

COMPARATIVE SCHEDULE OF SELECTED FINANCIAL
INFORMATION ARISING FROM CASH TRANSACTIONS

(Unaudited)

	As of		
	<u>12/31/2012</u>	<u>12/31/2013</u>	<u>12/31/2014</u>
Wastewater:			
Operating Fund	\$287,834	\$792,677	\$291,012
Bond and Interest	47,101	171,338	68,426
Debt Service Reserve	11,793	58,965	106,133
Revenue Fund	427,681	130,979	450,913
Improvement Fund	5,377,050	5,953,488	3,666,234
Investments - Trust Indiana	<u>755,215</u>	<u>755,967</u>	<u>755,967</u>
Total wastewater fund balances	<u>\$6,906,674</u>	<u>\$7,863,414</u>	<u>\$5,338,685</u>
Stormwater	<u>\$1,510,725</u>	<u>\$3,159,954</u>	<u>\$4,037,557</u>
Temporary Loans Outstanding (Wastewater):			
<i>Temporary loan to</i>			
<i>the Stormwater Utility</i>	<u>\$800,000</u>	<u>\$600,000</u>	<u>\$ -</u>
Temporary Loans Outstanding (Stormwater):			
<i>Temporary loan to</i>			
<i>the General Fund</i>	<u>\$300,000</u>	<u>\$ -</u>	<u>\$ -</u>
Indebtedness:			
<i>Sewage Works Revenue Bonds of 2012</i>			
<i>Dated November 7, 2012</i>			
<i>Interest rate - 1.50%</i>	<u>\$4,136,000</u>	<u>\$4,049,000</u>	<u>\$3,874,000</u>

(Subject to the attached letter dated June 3, 2015)
(Preliminary - Subject to Change)
(Internal Use Only)

HOBART SANITARY DISTRICT
Hobart, Indiana

COMPARATIVE SCHEDULE OF CASH RECEIPTS AND DISBURSEMENTS - WASTEWATER
(Unaudited)

	For Calendar Years		
	2012	2013	2014
Operating Receipts:			
Sewage collections/penalties (net of garbage, trash and overpayment refunds)	\$5,034,682	\$4,843,920	\$4,905,393
Sewage collections - White Oaks CD	91,552	85,417	131,234
Lien receipts	171,653	96,035	126,450
Total operating receipts	5,297,887	5,025,372	5,163,077
Operating Disbursements:			
Sewage treatment - GSD	1,778,310	1,209,684	1,353,255
Salaries and wages	922,109	915,696	901,795
Salaries and wages - part-time	-	-	5,856
Salaries and wages - board	15,812	15,812	31,660
Overtime pay	64,525	98,555	144,529
Employee pensions and benefits	277,576	280,410	510,751
Repairs and maintenance	440,497	308,982	492,967
Repairs and maintenance - other	41,681	65,863	107,481
Sewer cost sharing	16,454	-	-
Contractual services	545,341	275,031	460,037
Contractual services - other	63,016	129,696	23,460
Testing	10,341	10,411	10,103
Software services	1,305	20,336	12,445
Machinery and equipment	92,520	6,753	135,609
Materials and supplies	86,112	34,168	96,519
Fuel	33,843	33,774	81,635
Utilities	202,946	191,895	166,471
Postage	31,559	32,522	37,626
Travel and lodging	10	104	-
Insurance premium	-	-	43,127
Insurance claims	107,254	98,000	168,711
Lien recording fees/reimbursements	38,951	34,740	39,331
Miscellaneous	70,435	569,388	80,674
Total operating disbursements	4,840,597	4,331,820	4,904,042
Net operating receipts	457,290	693,552	259,035
Non-Operating Receipts:			
Interest	4,382	5,065	5,157
Tap fees	23,297	23,516	193,938
Bond proceeds	105,236	3,762,326	268,438
Reimbursements	2,518	46	6,695
Other receipts	4,467	584,820	5,635
Temporary loan repayment from stormwater utility	200,000	200,000	-
Temporary loan repayment (other)	-	-	600,000
Total non-operating receipts	339,900	4,575,773	1,079,863
Non-Operating Disbursements:			
Debt service	-	89,463	337,750
Bond issuance costs	94,001	18,338	-
Capital improvements	12,037	4,204,784	3,525,877
Total non-operating disbursements	106,038	4,312,585	3,863,627
Increase/(decrease) in cash	691,152	956,740	(2,524,729)
Beginning cash balance	6,215,522	6,906,674	7,863,414
Ending cash balance	\$6,906,674	\$7,863,414	\$5,338,685

(Subject to the attached letter dated June 3, 2015)
(Preliminary - Subject to Change)
(Internal Use Only)

HOBART SANITARY DISTRICT
Hobart, Indiana

COMPARATIVE SCHEDULE OF CASH RECEIPTS AND DISBURSEMENTS - STORMWATER

(Unaudited)

	For Calendar Years		
	2012	2013	2014
Operating Receipts:			
Stormwater collections	\$1,753,988	\$1,779,486	\$1,786,552
Rain barrel purchases	3,850	1,432	-
Total operating receipts	1,757,838	1,780,918	1,786,552
Operating Disbursements:			
Salaries and wages (SW)	7,073	4,607	7,541
Employee pensions and benefits (SW)	982	802	6,407
Repairs and maintenance (SW)	401,773	182,642	265,615
Contractual services (SW)	71,668	42,698	28,670
Rain barrels (SW)	2,070	940	-
Refunds (SW)	171	-	866
Total operating disbursements	483,737	231,689	309,099
Net operating receipts	1,274,101	1,549,229	1,477,453
Non-Operating Receipts:			
Contributions (SW)	1,150	-	100
Reimbursements (SW)	13,998	-	50
Temporary loan (SW)	-	300,000	-
Total non-operating receipts	15,148	300,000	150
Non-Operating Disbursements:			
Temporary loan payment (SW)	200,000	200,000	600,000
Temporary loan (SW)	300,000	-	-
Total non-operating disbursements	500,000	200,000	600,000
Increase/(decrease) in cash	789,249	1,649,229	877,603
Beginning cash balance	721,476	1,510,725	3,159,954
Ending cash balance	\$1,510,725	\$3,159,954	\$4,037,557

(Subject to the attached letter dated June 3, 2015)
(Preliminary - Subject to Change)
(Internal Use Only)

HOBART SANITARY DISTRICT
Hobart, Indiana

COMPARATIVE SCHEDULE OF CASH DISBURSEMENTS - SEWAGE & STORMWATER
(Unaudited)

	For Calendar Years		
	2012	2013	2014
Operating Disbursements			
Wastewater			
Sewage treatment - GSD	\$1,778,310	\$1,209,684	\$1,353,255
Salaries and wages	922,109	915,696	901,795
Salaries and wages - part-time	-	-	5,856
Salaries and wages - board	15,812	15,812	31,660
Overtime pay	64,525	98,555	144,529
Employee pensions and benefits	277,576	280,410	510,751
Repairs and maintenance	440,497	308,982	492,967
Repairs and maintenance - other	41,681	65,863	107,481
Sewer cost sharing	16,454	-	-
Contractual services	545,341	275,031	460,037
Contractual services - other	63,016	129,696	23,460
Testing	10,341	10,411	10,103
Software services	1,305	20,336	12,445
Machinery and equipment	92,520	6,753	135,609
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Fuel	33,843	33,774	81,635
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Travel and lodging	10	104	-
Insurance premium	-	-	43,127
Insurance claims	107,254	98,000	168,711
Lien recording fees/reimbursements	38,951	34,740	39,331
Miscellaneous	70,435	569,388	80,675
Total Wastewater	4,840,597	4,331,820	4,904,043
Stormwater			
Salaries and wages (SW)	7,073	4,607	7,541
Employee pensions and benefits (SW)	982	802	6,407
Repairs and maintenance (SW)	401,773	182,642	265,615
Contractual services (SW)	71,668	42,698	28,670
Rain barrels (SW)	2,070	940	-
Refunds (SW)	171	-	865
Total Stormwater	483,737	231,689	309,098
Total Operating Disbursements	5,324,334	4,563,509	5,213,141
Non-Operating Disbursements			
Wastewater			
Debt service	-	89,463	337,750
Bond issuance costs	94,001	18,338	-
Capital improvements	12,037	4,204,784	3,525,877
Total Wastewater	106,038	4,312,585	3,863,627
Stormwater			
Temporary loan payment (SW)	200,000	200,000	600,000
Temporary loan (SW)	300,000	-	-
Total Stormwater	500,000	200,000	600,000
Total Non-Operating Disbursements	606,038	4,512,585	4,463,627
Total Disbursements	\$5,930,372	\$9,076,094	\$9,676,768

(Subject to the attached letter dated June 3, 2015)
(Preliminary - Subject to Change)
(Internal Use Only)

Independence Hill Conservation District

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

Independence Hill Conservancy District
Merrillville, Indiana

) Docket No. V-W-14-308-12
)

) Proceeding under Section 308(a) of
) the Clean Water Act, as amended,
) 33 U.S.C. § 1318(a)
)

**IHCD ANSWERS TO
INFORMATION REQUEST**

I. STATUTORY AUTHORITY

The U.S. Environmental Protection Agency is issuing this Information Request to Independence Hill Conservancy District (You) pursuant to the authority vested in the Administrator of EPA by Section 308(a) of the Clean Water Act (CWA), 33 U.S.C. § 1318(a). The Administrator has delegated this authority to the Regional Administrator of EPA, Region 5, who has re-delegated this authority to the Director of the Water Division, EPA Region 5.

II. INSTRUCTIONS

1. You must respond to this Information Request within 30 calendar days of its receipt by You. Submission instructions are in Section V of this Information Request.
2. You must respond separately to each of the requests. Where a "yes" or "no" answer is requested, You may provide additional information, if desired. Precede each answer with the number of the request to which it corresponds. For each document produced in response to this Information Request, indicate on the document, or in some other reasonable manner, the number of the request to which it corresponds.
3. If You do not have documents responsive to a particular request, state in your written response that You do not have responsive documents.
4. You must keep the reports and all records reviewed or generated in the course of responding to this Information Request until EPA informs You in writing that You are no longer required to keep the reports and records, or for three years, whichever is sooner.

III. DEFINITIONS

1. "Backup" or "Building/Property Backup" shall mean any release of wastewater to public or private property that is caused by Blockages or other conditions in the Sanitary Sewer System. Such releases can include, but are not limited to, those that occur in basements.
2. "Blockage" shall mean the partial or complete interruption of flow as a result of some obstruction in any portion of the Sanitary Sewer System.
3. "Bypass," as defined by 40 C.F.R. § 122.41(m), shall mean the intentional diversion of waste streams from any portion of a treatment facility.
4. "Collection System" shall mean all portions of your sewer system that collect and convey sanitary and/or combined sewage ultimately destined for treatment to the Gary Sanitary District WWTP. The Collection System, for purposes of this Information Request, does not refer to a separate storm sewer system.
5. "Combined Sewer System" shall mean all portions of your sewer system designed to convey municipal sewage (domestic, commercial, and industrial wastewater) and stormwater through a single-pipe system to the wastewater treatment plant or to combined sewer outfalls.
6. "Day" or "days" shall mean a calendar day or calendar days. In computing any period of time under this Information Request, where the last day would fall on a Saturday, Sunday, or federal or state holiday, the period shall run until the close of the next business day.
7. "Force Main" shall mean any pipe that carries wastewater under pressure from the discharge side of a pump to a point of gravity flow downstream.
8. "Gravity Sewer" shall mean a pipe that receives, contains, and conveys wastewater that is not normally under pressure and is intended to flow unassisted under the influence of gravity.
9. "Infiltration" shall mean water, other than wastewater, that enters your Sanitary Sewer System (including sewer service connections) from the ground through such means as defective pipes, pipe joints, connections, or manholes.
10. "Inflow" shall mean water, other than wastewater, that enters your Sanitary Sewer System from sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, stormwater, surface runoff, street wash waters, or drainage.
11. "I/T" shall mean the total quantity of water from Infiltration and Inflow without distinguishing the source.

12. "Private Lateral" shall mean that portion of the Sanitary Sewer System, not owned by You, used to convey wastewater from a building or buildings to that portion of the Sanitary Sewer System owned by You.
13. "Pump Station" shall mean facilities comprised of pumps or other equipment that lift wastewater to a higher hydraulic elevation, including all related electrical, mechanical, and structural systems necessary to the operation of that pumping station.
14. "Record" or "records" shall mean any recording of information in tangible form. It includes, but is not limited to, documents, memoranda, reports, letters, maps, graphs, charts, log books, notes, emails, computer files, computer printouts, and computer databases.
15. "Sanitary Sewer Overflow" or "SSO" shall mean an overflow, spill, diversion, or release of wastewater from or caused by your Sanitary Sewer System. This term shall include: (i) discharges to waters of the United States from the Sanitary Sewer System; and (ii) any release of wastewater from the Sanitary Sewer System to public or private property that does not reach waters of the United States, including Backups.
16. "Sanitary Sewer System" shall mean all portions of your sewer system (including all pipes, Force Mains, Gravity Sewer segments, overflow structures, regulators, Pump Stations, manholes, and components thereof), designed and constructed to collect and convey only sewage, and not storm water, from residences, commercial buildings, industrial plants, and institutions for treatment at Gary Sanitary District WWTP.
17. "Satellite Sewer System" shall mean a sewer Collection System that collects wastewaters from a legal entity other than You and delivers these wastewaters to your receiving sewer(s) or interceptor(s). Legal entities can include unincorporated areas. The Satellite Sewer System often, but not always, depends on a downstream authority for the treatment of these transferred wastewaters.
18. "Wastewater Treatment Plant" or "WWTP" shall mean the wastewater treatment plant operated by Gary Sanitary District, National Pollutant Discharge Elimination System (NPDES) Permit Number IN0022977, and located at 3600 West Third Avenue, Gary, Indiana and all components of such sewage treatment plant.
19. "You" for purposes of this Information Request refers to Independence Hill Conservancy District and to any agents, employees, contractors, or other entities that performed work or acted in any way on behalf of, or at the direction of, Independence Hill Conservancy District.

IV. REQUESTS

General Information

1. Provide the name and address of the location(s) where You maintain records relative to the operation and maintenance (O&M) of your Sanitary Sewer System.

Main Office, 7507 Taft Street, Suite 3, Merrillville, IN 46410
Maintenance Office, 7356 Taney Place, Merrillville, IN 46410

2. Provide the name and title of the primary contact person(s) responsible for Sanitary Sewer System collection and maintenance. Also provide telephone, fax, and email contact information for such person(s).

Brian Smolar, Project Coordinator
Tel: (219) 712-8062
Fax: (219) 791-0463
Email: IHCD219@att.net

3. Provide the following documents:

- a. The latest NPDES permit(s), if applicable, issued to You for the WWTP/Sanitary Sewer System and storm sewer system, including modifications, the associated permit application, and certificate of coverage

See Exhibit 1 (permit) and Exhibit 2 (application for permit). There are no modifications, and certificate of coverage is not applicable.

- b. A map of the service area for your Sanitary Sewer System that identifies the following information:

See Exhibit 3.

- i. Delineation of separate and combined sewer areas, if applicable

Not applicable

- ii. Delineation of different WWTP service areas, if applicable (e.g., areas served by Gary Sanitary District (GSD) WWTP); areas served by another wastewater treatment facility)

Not applicable

iii. Delineation of separate storm sewer areas, if applicable

Not applicable

iv. Locations of SSOs reported in Question 27, chronic street flooding areas reported in Question 18, and chronic Backup areas reported in Question 38 (can be hand-written/drawn on map)

None of the backup areas reported in Question 38 is chronic.

v. Location of all permitted and/or non-permitted outfalls for your Sanitary Sewer System and for your Combined Sewer System(s)

None, assuming that "outfall" does not include the point where IHCD wastewater is discharged directly into the MCD collection system.

c. Geographic Information Systems (GIS) shapefiles representing the following:

- i. Collection System service area
- ii. Current municipal boundaries
- iii. Sanitary Sewer System pipes

None.

d. Your most recent sewer use ordinance (SUO)

See Exhibit 4 (Chapter 4, IHCD Code). Other rules and regulations relating to use of the IHCD sewer system are contained in Chapter 5 (sewer construction rules) and Chapters 6 & 7 (fees) of the IHCD Code.

e. Your most recent annual report for your municipal separate storm sewer system (MS4) or the name and address of the MS4 entity operating your storm sewers

Not applicable

f. Current contract agreement with GSD that identifies the costs for which You are responsible and the services that GSD provides

Not applicable

g. Your most recent Comprehensive Annual Financial Report (CAFR) or similar financial statement that includes data on your most recent annual wastewater revenue and costs; identify in the CAFR or other financial statement where You record the costs paid to GSD

None, but see Exhibit 5 (annual financial report for 2013).

- h. Your most recent rate study for wastewater activity and Sanitary Sewer System use

See Exhibit 6 (metered rate study) and Exhibit 7 (flat rate study).

- i. Provide your budget for the wastewater activity for the current year including proposed wastewater system capital improvements.

See Exhibit 8.

Service Area and Service Connections

4. Provide the following information for your Sanitary Sewer System:

- a. Service area (in square miles) 5.75
b. Population served 11,482*

*Estimated assuming 2.0 average persons per household.

- c. System inventory

Miles of Gravity Sewer	Miles of Force Main	Number of Pump Stations
49.7	1.7	7

- d. Number of service connections:

Residential	<u>3183</u>	Commercial	<u>168</u>
Industrial	<u>0</u>	Total	<u>3351</u>

- e. Number of households served by your Collection System: 5741

- f. Number of commercial service connections that include residential households (i.e., households in multi-family/apartment/condominium buildings treated as a single commercial service connection or account by You): 1

- g. Number of multi-household residential service connections: 450

5. Identify the percent of your wastewater flow conveyed to and treated at GSD WWTP that is generated by residential users.

~69.6% based on

- total average flow all sources = 1.155 MGD
- 5741 households
- assumed average 2.0 persons per household
- assumed average flow 70 gpd per day per person
- therefore estimated total residential flow = 0.804 MGD

6. Identify the percent of your wastewater conveyed to and treated at GSD WWTP that is generated by industrial users.

0%

7. Is all of the wastewater flow generated by your Collection System users conveyed to and treated at GSD WWTP?

Yes X* No

*All IHCD wastewater is discharged into the MCD collection system, for conveyance to and treatment at the GSD WWTP.

8. If wastewater is conveyed to and treated at any other WWTP in addition to GSD WWTP, provide the following information:
- a. Name, location, and NPDES Permit Number of all other WWTPs to which You convey wastewater through your Collection System for treatment
 - b. Breakdown by percentage of your total wastewater flow conveyed to and treated at GSD WWTP and all other WWTPs
 - c. Breakdown of the number of households within the community that contribute to the wastewater flow conveyed to and treated at GSD WWTP and all other WWTPs
 - d. Breakdown by percentage of your total wastewater costs (e.g., annual O&M, depreciation, debt service, etc.) that can be attributed to each of the WWTPs to which You convey wastewater through your Collection System for treatment

Not applicable

9. Provide actual flows experienced for the previous 12 months expressed in million gallons per day (MGD). Cite the source/basis or calculation method from which You obtained these values (e.g., wastewater or drinking water flow meters, billing statements, etc.).

	Average Daily Wastewater Flow (MGD)	Source/Basis (<i>or calculation method</i>) of Average Daily Wastewater Flow Values	Average Daily Water Consumption (MGD)	Source (<i>or calculation method</i>) of Average Daily Water Consumption Values
Residential	0.804	Assumed same as water consumption.	0.804	5741 households x assumed 2.0 persons and assumed 70 gpd water use per person
Commercial	0.057	Assumed same as water consumption.	0.057	Metered
Industrial	0	N/A	N/A	N/A
Other (I/I)	0.294	Total wastewater flow less commercial flow and estimated residential flow	N/A	N/A
Total	1.155	Metered wastewater flow	0.861	Metered wastewater flow less estimated I&I

10. Do You make any adjustments to billing for wastewater services (e.g., averaging of winter month water use to remove impact of water for outside use in summer months)?

Yes _____ No X

If yes, describe the adjustments made.

11. Is a portion of the Collection System a Combined Sewer System?

Yes _____ No X

a. If yes, what percent of the Collection System is combined? _____

b. On what is this percentage based (e.g, flow, area, size/length of pipe, etc.)?

Collection System Infrastructure and Capacity

12. Provide infrastructure age distribution estimates for the Collection System.

Age	Gravity Sewer, miles	Force Mains, miles	Number of Pump Stations
0 - 25 years	35.84	0.94	5
26 - 50 years	13.88	0.72	2
51 - 75 years	0	0	0
> 76 years	0	0	0

13. Provide pipe size distribution estimates for the Collection System.

Diameter in inches	Gravity Sewer, miles	Force Mains, miles
8 inches or less	33.95	0.95
9 - 18 inches	15.75	0.72
19 - 36 inches	0.02	0
> 36 inches	0	0

14. Indicate or describe a property owner's responsibility for maintenance and repair of Private Laterals (check one):

- a. At main line connection only _____
- b. From main line to property line or easement/cleanout _____
- c. Beyond property line/cleanout _____
- d. Other. Explain from exterior building wall to property line or X
nearer public right-of-way

15. Describe any atypical local conditions that may increase the complexity or difficulty of the design, construction, operation, and maintenance of the Collection System.

Not applicable

16. Describe the process or procedures that You use to determine whether the capacity of the existing Sanitary Sewer System are adequate for new connections.

Only if a sewer construction permit from IDEM is required:

IHCD engineer calculates (1) estimated flow from the new connections based on IDEM standards, (2) estimated capacity of existing downstream IHCD sewers in excess of actual flows, and (3) estimated capacity of existing downstream IHCD pump stations, if any, in excess of actual flows.

The developer is required to obtain and submit certification of capacity for the new connections from downstream sewer districts MCD and GSD.

17. Identify whether You do the following to determine if the capacity of the existing Sanitary Sewer System is adequate for new connections.

- a. Is flow metering performed prior to allowing new connections?
Yes _____ No X

b. Do You use a hydraulic model of the Sanitary Sewer System to predict the effects of new connections?

Yes _____ No X

c. Do You require written certification by a licensed professional engineer indicating that the Sanitary Sewer System has been determined to have adequate capacity to accommodate flow from new connections?

Yes X* No _____

* Required only if a sewer construction permit from IDEM is required.

18. Are there portions of the Collection System service areas that have experienced street flooding, with sewage as a component, in the past five years?

Yes _____ No X

If yes, describe and list all areas that experience chronic street flooding.

Satellite Sewer Systems/Sewer Use Ordinance

19. Does the Collection System receive flow from Satellite Sewer System communities?

Yes _____ No X

If yes, complete the following chart. If additional room is needed, continue on last page or attach a separate table.

Satellite Community Name	% Flow Contributed	Primary Contact Name and Contact Information (address, phone, email) for Satellite

20. Do Satellite Sewer System communities enter into written agreements for wastewater services (contracts, charters, court orders, etc.) with You?

Yes _____ No _____ Not applicable

If yes, please answer the following questions listed below:

a. Do the agreements have a date of termination?

Yes _____ No _____

If yes, under what conditions are such agreements renewed?

- b. Do the agreements extend the requirements of the SUO to the Satellite Sewer System communities?
Yes _____ No _____
- c. Does the SUO clearly include standards, inspections, and approval for new connections?
Yes _____ No _____
- d. Does the SUO require Satellite Sewer System communities to adopt the same standards, inspection and sampling schedules as You for new connections?
Yes _____ No _____
- e. Does the SUO require Satellite Sewer System communities to adopt the same standards, inspection and sampling schedules as You for pretreatment inspections?
Yes _____ No _____
- f. Do You maintain the legal authority to control the maximum flow introduced into the Collection System from Satellite Sewer System communities?
Yes _____ No _____
- g. Is flow metered at locations where flow from the Satellite Sewer System communities directly enters your Collection System?
Yes _____ No _____
- h. Do You charge Satellite Sewer System communities based on metered flow?
Yes _____ No _____

If yes, identify the specific rate structure in place.

If no, describe how You charge Satellite Sewer System communities for connection to your Collection System.

- i. Do You have the authority to surcharge Satellite Sewer System communities for excessive flows (i.e., for excessive I/I)?
Yes _____ No _____
- j. Have You exercised your authority to surcharge Satellite Sewer System communities for excessive flows (i.e., for excessive I/I)?
Yes _____ No _____

21. If yes, identify the Satellite Sewer System communities for which You took this action, when You took the action, and describe the action You took. If no, explain why You did not exer-

cise the authority to surcharge for excessive flows. Indicate whether the SUO contains procedures for the following:

Not applicable

- | | | |
|---------------------------------|-----------|----------|
| a. Inspection standards | Yes _____ | No _____ |
| b. Pretreatment requirements | Yes _____ | No _____ |
| c. Building/sewer permit issues | Yes _____ | No _____ |
| d. Inflow prohibition | Yes _____ | No _____ |

22. Indicate whether the SUO contains procedures and enforcement authority to control the following:*

- | | | |
|--|------------------|-----------------|
| a. Fats, oils, and grease | Yes <u> X </u> | No _____ |
| b. I/I | Yes <u> X </u> | No _____ |
| c. Building structures over the sewer lines | Yes _____ | No <u> X </u> |
| d. Storm water connections to sanitary lines | Yes <u> X </u> | No _____ |
| e. Defects in Private Laterals | Yes _____ | No <u> X </u> |
| f. Sump pump or air conditioner discharge** | Yes <u> X </u> | No _____ |

* Answers assume that the SUO includes enforcement authority if it contains adverse consequences that may be imposed for violations.

** Air conditioner discharge is not prohibited expressly but may be within the general prohibition on discharge of clear water.

Force Mains

23. Identify the total number of Force Main failures that have occurred in the last five years.

 0

24. Provide a description of the cause(s) of each Force Main failure that has occurred in the last five years.

Not applicable

25. Describe the techniques/approaches You use to monitor the Force Main.

Maintenance staff visually inspects every pump station daily and the nearest downstream manhole at least annually and also when there is an issue.

Pump Stations

26. Provide the following information related to Pump Stations in your Collection System:

- | | |
|--|------------|
| a. Total number of Pump Stations in the Collection System | <u>7</u> |
| b. Number of Pump Stations with on-site pump capacity redundancy | <u>7</u> |
| c. Number of Pump Stations with dry weather capacity limitations | <u>0*</u> |
| d. Number of Pump Stations with wet weather capacity limitations | <u>2*</u> |
| e. Number of Pump Station failures resulting in SSOs, or Back-ups, in the last five years | <u>0</u> |
| f. Number of Pump Stations fed with electrical power from at least two independent electrical power grid feeds | <u>0</u> |
| g. Number of Pump Stations with permanently installed backup power generators onsite that automatically activate when supplied power is interrupted | <u>7</u> |
| h. Number of Pump Stations with backup power capability, but only with portable generators to be brought to the Pump Station site from other locations | <u>0</u> |
| i. Number of Pump Stations with “pump around” capability (i.e., where Pump Station wet well can be evacuated and pumped with portable pump to nearby downstream Sanitary Sewer System manhole) | <u>5</u> |
| j. Number of Pump Stations where conditions are monitored remotely and that trigger an alarm at a central monitoring location (e.g., at the WWTP or central public works center) | <u>7**</u> |

* Answer assumes that there is a capacity limitation if there is a capacity-related issue.

**Alarm is triggered on the project coordinator’s cell phone, which he keeps with him at all times.

Sanitary Sewer Overflows

27. Describe each SSO that has occurred in the Collection System within the last five years. Include the following information for each SSO (create a supplemental table as necessary to list the data below):

- a. Date of the SSO
- b. Location of the SSO
- c. Estimated volume of the SSO (in gallons or million gallons (MG))
- d. Cause of the SSO
- e. How You determined that the SSO occurred
- f. Depth of precipitation (in inches) received (if any) contributing to the SSO
- g. Peak WWTP flow (in MGD) on the day that the SSO occurred
- h. Disposition of the SSO (i.e., did the release reach a waterway, flow to storm sewer, paved areas, etc.)
- i. Actions taken to mitigate the SSO
- j. Whether or not You reported the SSO to the state environmental agency
- k. How soon after the SSO You reported it
- l. Whether any samples of the SSO discharge were collected and analyzed

Answer omits backups reported in Question 38.

		1	2	3
a	Date	3/10/09	10/30/09	10/30/09
b	Location	Sewage retention basin, 73 rd Ave and Taney Pl.	78 th Ave near Kaiser Ditch.	77 th Ave & Jennings St.
c	Est. Volume	10,000 gal	120 gal	120 gal
d	Cause	Heavy rain & failure of all 3 pumps at pump station	Heavy rain	Heavy rain
e	How determined	Field inspection by staff	field inspection by staff	Field inspection by staff
f	Precipitation	1.5"	1.6"	1.6"
g	Peak Flow	4.7 MGD	4.59 MGD	4.59 MGD
h	Disposition	Drainage ditch along road	Infiltration to ground	Infiltration to ground
i	Mitigation	Raked & bagged solids, washed basin, sprayed disinfectant solution around & outside basin	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole
j	Reported	Yes	Yes	Yes
k	When reported	<12 hrs	<12 hrs	< 12 hrs
l	Samples collected	No	No	No

		4	5	6
a	Date	10/30/09	10/30/09	7/26/10
b	Location	77 th Pl & Jennings St	78 th Ave & Kaiser Ditch	77 th Ave & Jennings St
c	Est. Volume	120 gal	120 gal	25 gal
d	Cause	Heavy rain	Heavy rain	Heavy rain
e	How determined	Field inspection by staff	Field inspection by staff	Field inspection by staff
f	Precipitation	1.6"	1.6"	3.6"
g	Peak Flow	4.59 MGD	4.59 MGD	3.15 MGD
h	Disposition	Infiltration to ground	Infiltration to ground	Infiltration to ground
i	Mitigation	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole
j	Reported	Yes	Yes	Yes
k	When reported	< 12 hrs	< 12 hrs	< 12 hrs
l	Samples collected	No	No	No

		7	8	9
a	Date	7/26/10	8/3/10	8/3/10
b	Location	78 th Pl & Hendricks St	78 th Ave near Kaiser Ditch	N. of 78 th Ave between extended Hendricks St & Jennings Pl
c	Est. Volume	25 gal	135 gal	135 gal
d	Cause	Heavy rain	Heavy rain	Heavy rain
e	How determined	Field inspection by staff	Field inspection by staff	Field inspection by staff
f	Precipitation	3.6"	2"	2"
g	Peak Flow	3.15 MGD	4.09 MGD	4.09 MGD
h	Disposition	Infiltration to ground	Infiltration to ground	Infiltration to ground
i	Mitigation	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole
j	Reported	Yes	Yes	Yes
k	When reported	< 12 hrs	< 12 hrs	< 12 hrs
l	Samples collected	No	No	No

		10	11	12
a	Date	8/3/10	12/31/10	5/25&26/11
b	Location	77 th Ave & Jennings St	78 th Ave & Kaiser Ditch	77 th Ave & Jennings St
c	Est. Volume	135 gal	200 gal	200 gal
d	Cause	Heavy rain	Heavy rain & snow melt	Heavy rain
e	How determined	Field inspection by staff	Field inspection by staff	Field inspection by staff
f	Precipitation	2" in 1½ hrs"	1.3" rain & 6" melt	3.5"
g	Peak Flow	4.09 MGD	2.38 MGD	4.048 MGD
h	Disposition	Infiltration to ground	Infiltration to ground	Infiltration to ground
i	Mitigation	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole	Raked & bagged solids and sprayed disinfectant solution around manhole
j	Reported	Yes	Yes	Yes
k	When reported	< 12 hrs	< 12 hrs	< 12 hrs
l	Samples collected	No	No	No

		13		
a	Date	5/26/11 (twice)		
b	Location	78 th Ave near Kaiser Ditch		
c	Est. Volume	3000 gal		
d	Cause	Heavy rain		
e	How determined	Field inspection by staff		
f	Precipitation	3.5"		
g	Peak Flow	4.048 MGD		
h	Disposition	Infiltration to ground		
i	Mitigation	Raked & bagged solids and sprayed disinfectant solution around manhole		
j	Reported	Yes		
k	When reported	<12 hrs		
l	Samples collected	No		

28. Identify the number of SSOs that originated from each of the following sources in the last five years:

a. Manholes	<u>12</u>
b. Pump Stations	<u>0</u>
c. Main and trunk sewers	<u>0</u>
d. Lateral and branch sewers	<u>0</u>
e. Structural Bypasses or relief points	<u>0</u>
f. Force Mains	<u>0</u>
g. Other, explain: <u>overflow retention basin</u>	<u>1</u>

29. Identify the volume of SSOs expressed in gallons or MG from each of the following sources in the last five years:

a. Pump Stations	<u>0</u>
b. Force Mains	<u>0</u>
c. Manholes	<u>2830 gal</u>
d. Other, explain: <u>overflow retention basin</u>	<u>10000 gal</u>

30. Identify the number of SSOs caused by the following in the last five years:

a. Debris buildup	<u>0</u>
b. Collapsed pipe	<u>0</u>
c. Root intrusion	<u>0</u>
d. Capacity limitations	<u>0</u>
e. Excessive I/I	<u>13</u>
f. Fats, oil, and grease	<u>0</u>
g. Vandalism	<u>0</u>
h. Power interruption and/or lack of backup power source	<u>0</u>
i. Mechanical or electronic failure	<u>0</u>
j. Pump failure and/or lack of backup (or duplex) pumps	<u>0</u>
k. Other, explain: _____	<u>0</u>

31. For the SSOs to waterways that are identified in response to Question 27, how many were to surface waters that could affect:

a. Primary contact recreation (swimming, bathing, waterskiing, etc.)	_____
b. Shellfish growing areas	_____
c. Drinking water sources	_____

Not applicable

32. What equipment is available to You for responding to SSOs?

Trash pump, portable generator, sewer spoon, and jetter/vac truck

33. Describe how You monitor SSO occurrence and frequency.

Maintenance staff looks for evidence of surcharging (1) at all manholes during regular periodic visual inspections, (2) at hydraulically shallow location manholes during heavy rain, and (3) at the point of SSO and downstream manhole if SSO is reported to or found by IHCD.

34. Identify whether You have developed and adopted written procedures or instructions for the following:

- | | | |
|--|----------|------------------|
| a. Identifying SSOs | Yes ____ | No <u>X</u> ____ |
| b. Emergency response for SSOs | Yes ____ | No <u>X</u> ____ |
| c. Reporting all SSOs to the state regardless of size | Yes ____ | No <u>X</u> ____ |
| d. Containment or cleanup to mitigate the effect of SSOs | Yes ____ | No <u>X</u> ____ |
| e. Problem evaluation and resolution | Yes ____ | No <u>X</u> ____ |

35. Describe your procedure for reporting SSOs to the state environmental agency.

Maintenance staff inspects then notifies IHCD engineer and office manager. Engineer if immediately available or else office manager makes telephonic report to IDEM the same day. Engineer follows with written report to IDEM.

Backups

36. Describe how You document the occurrence of, and response to, Backups.

Office staff logs the event, how and when IHCD learned of the event, date and time of the event, customer's name and address, findings upon inspection, estimated gallons of backup, and IHCD response, and notifies office staff who also logs the information.

37. Indicate the month and year when You began to document Backups: 04/1997

Telephone call logs and invoices for contracted services contain partial documentation of Backups before April 1997, back to 1976.

38. Provide a description of each Backup that has occurred within the last five years. Include the following information for each Backup (create a supplemental table as necessary to list the data below):

- Date of the Backup
- Location of the Backup
- Cause of the Backup
- Weather conditions during the Backup. If excessive rainfall contributed to the Backup, please list the rainfall amount and the duration of the rainfall event(s)
- Methods used to remove the Backup water from the property and disposition of Backup water (i.e., was the property owner's accumulated Backup pumped out of the residence to a street storm sewer drain; relieved to a sanitary cleanout or sanitary drain; transported to the plant for treatment; vacuumed and hauled away; etc.)
- Actions taken to mitigate the Backup

- g. Time to clear or fix the Backup
- h. Whether or not the Backup was reported to the state environmental agency and how soon after the Backup this was done
- i. List the measures used to mitigate the environmental harm caused by the Backup water removal, if that water was untreated
- j. Responsible party (e.g., private property owner or You)
- k. Whether or not a damage claim was filed and dollar value of the claim

		1*	2	3
a	Date	3/17&18/09	10/30/09	7/21/10
b	Location	██████████	██████ ██████████	██████████
c	Cause	Unknown	Heavy rain	Unknown, maybe blockage
d	Weather	Trace rain	3" rain	No rain
e	Disposition	Unknown	Drained back into sewer	Drained back into sewer
f	Mitigation	No	Floor & walls cleaned & sanitized	Floor & walls cleaned & sanitized
g	Duration	Unknown	~50 minutes	Unknown
h	Reported	No	Yes	No
i	Env. Mitgn	No	No	No
J	Responsible	Owner	IHCD	Uncertain
k	Claim	No	No	Yes

		4	5**	
a	Date	8/3/10	4/18/13	
b	Location	██████████	██████████	
c	Cause	Heavy rain	Heavy rain	
d	Weather	2" rain	2.6" rain	
e	Disposition	Drained back into sewer	Drained back into sewer	
f	Mitigation	Floor & walls cleaned & sanitized	Floor & walls cleaned & sanitized	
g	Duration	~ 1 hour	Unknown	
h	Reported	Yes	Yes	
i	Env. Mitgn	No	No	
J	Responsible	IHCD	Owner	
k	Claim	No	No	

* IHCD learned of the event from IDEM about one month after the event.

** Inflow is suspected, but customer has refused to allow free TV inspection of lateral sewer.

39. Are there portions of the Collection System that have chronic problems with Backups?

Yes _____ No X

If yes, list and describe each area and the reasons for chronic Backups in that area.

Blockages

40. Describe how You document the occurrence of, and response to, Blockages.

If Blockage causes an SSO or Backup, maintenance staff logs location, date, time, findings upon inspection, estimated gallons SSO or Backup, and IHCD response. If no SSO or Backup, the Blockage is documented in and by invoice from IHCD's jetter contractor.

41. Provide the following information related to Blockages that have occurred in your Collection System in each year for the last five years:

a. Number of Blockages for each year

2009:	1
2010:	1
2011:	0
2012:	0
2013:	0

b. Average time to clear a Blockage (minutes)

30-45

c. Number of Blockages resulting in SSOs and/or Backups for each year

2009:	1
2010:	1
2011:	0
2012:	0
2013:	0

d. Total volume of SSOs (gallons or MG) that resulted from Blockages for each year

2009:	0
2010:	0
2011:	0
2012:	0
2013:	0

Infiltration and Inflow

42. Provide the following information for I/I in the Sanitary Sewer System:

- a. Have You done an assessment to determine the extent of I/I?
Yes X No _____ If yes, when? _____*(mo/yr)

* Assessments of various areas were done at various times during 2009-11.

- b. Has it been demonstrated that it is more cost effective to eliminate rather than treat I/I?
Yes _____ No X

- c. Have You performed a sewer system evaluation study (SSES), as defined in the U.S. EPA Handbook for Sewer System Evaluation and Rehabilitation (December 1975)?
Yes _____ No X If yes, when? _____(mo/yr)

- d. Have rehabilitation projects been prioritized for correcting I/I problems?
Yes X No _____

If yes, how far has the I/I elimination program progressed?

~60%. Program to line main sewers is complete. Program to disconnect sump pumps is about to begin.

- e. Do You or any of your Satellite Sewer System communities have a private source I/I reduction program?
Yes X No _____

If yes, describe the program.

1. IHCD television inspects building sewer free of charge upon owner request.
2. IHCD advances payment of full cost for owner to replace old defective Orangeburg or clay pipe lateral with PVC. IHCD bills owner 25% of first \$2000 of cost, plus 100% of any cost in excess of \$2000, except 0% for replace-

ment outside the property line or within road easement. The owner's share is payable \$15 per month added to monthly sewer user charge.

3. IHCD contributes the lesser of \$500 or full cost for owner to disconnect sump pump and footing drains from the sanitary sewer line.

No satellite communities

Operation and Maintenance

43. Provide a list of all major improvements to the Sanitary Sewer Collection System in the last five years. Include proposed future capital improvement projects.

73rd and Taney Place pump station

2011: Replaced centrifugal pumps with chopper pumps and Doppler flow meter with magnetic flow meter

Trenchless Reconstruction (Lining) of Main Sewers

Lined 48,309 lineal feet of main sewers as a cost-effective alternative to replacement

2009:	Phase 1	13,196 l.f.
2010:	Phase 2	8,661 l.f.
2011:	Phase 3	7,894 l.f.
2012:	Phase 4	11,883 l.f.
2013:	Phase 5	5,995 l.f.

Taft Street Interceptor Sewer

Will install ~3,850 lineal feet of 24-inch diameter sanitary interceptor sewer along Taft Street (S.R. 55) north from 73rd Ave to a new point of connection to the MCD collection system, and a meter station.

Phase 1 is a small part of the total project, and was started and finished in 2013. Phase 2, the remainder of the project, has been contracted and is expected to break ground in April 2014 and be completed in 2014 or 2015.

44. Have You developed a capacity, management, operation, and maintenance (CMOM) program, as defined in the U.S. EPA Guide for Evaluating Capacity, Management, Operation, and Maintenance (CMOM) Programs at Sanitary Sewer Collection Systems (January 2005)?
Yes _____ No X If yes, when? _____(mo/yr)

45. Describe the operation and maintenance (O&M) procedures You have in place to locate and eliminate problems in Your Collection System that would cause or contribute to SSOs and

Backups. These procedures can include, but are not limited to, grease control, root control, sewer cleaning, I/I evaluation, problem area targeting, downspout disconnection program, etc.

1. ~90% (goal 100%) of all manhole structures visually inspected at least annually, and “high maintenance” structures 2-3 times annually. Urgent repairs are made immediately by maintenance staff, and if needed, a contractor available for that work is called in. Non-urgent matters are logged for future repair.
2. ~85% of main sewers (goal 100%) jetted, cleaned, and roots cut at least annually, and “high maintenance” lines 2-3 times annually.
3. Every pump station is visually inspected daily, and pump run hours, generator run times, meter readings, and any irregular findings are logged.
4. All alarm phone dialers are checked weekly for working order and condition of batteries, with monthly simulation of high water condition.
5. All wet wells cleaned at least every 6 weeks, including vacuuming wet well and clearing floats of any accumulated grease.
6. Project coordinator attends meetings of the board of directors and reports maintenance issues, including any damaged and leaking manhole structure castings and unusually heavy buildup of grease.
7. See answer to #42e regarding programs for television inspection of building sewers, replacement of old defective Orangeburg and clay building sewers, and disconnection of sump pumps and footing drains.

46. Indicate whether You have developed and adopted written procedures or instructions for the following:

- | | | |
|--|-----------|-------------|
| a. Collection system maintenance | Yes _____ | No <u>X</u> |
| b. Collection system capacity management | Yes _____ | No <u>X</u> |

47. Do You have a long-range wastewater Capital Improvement Project (CIP) Plan for sewer system rehabilitation, replacement, and expansion?

Yes _____ No X

If yes, over what time horizon (e.g., five years, 10 years, etc.)? _____

48. Describe how You strive to ensure the long-term viability of your Collection System.

By following through with the maintenance program (described in answer to Q42e) currently being implemented to reduce I&I and communicating the program to customers by periodic newsletters and on IHCD website. Also see answers to 16-17, 22, 25, 32-33, 43, 45, 51-52, 59, 62-67.

49. Does the Sanitary Sewer System experience chronic O&M problems that are attributed to design problems?

Yes _____ No X

If yes, provide a brief explanation.

50. Does the Sanitary Sewer System experience chronic O&M problems that are the result of construction issues in the system?

Yes _____ No X

If yes, provide a brief explanation.

51. Do You physically inspect all Sanitary Sewer System manholes on a defined frequency?

Yes X No _____

If yes, on what frequency: every 12* months (e.g., every 36 months)

*~90% (goal 100%) of all manhole structures inspected at least annually, and "high maintenance" structures 2-3 times annually.

52. List the frequency of cleaning sewers and manhole basins for the following:

- a. Largest sewers: every 24 months (e.g., every 36 months)
- b. Smaller sewers: every 12 months

53. Do You conduct internal smoke testing to evaluate the condition of the Collection System?

Yes _____ No X

If yes, on what frequency? Every _____ months (e.g., every 36 months)

54. When did You last perform smoke testing of the Collection System, in what area, and for what reason?

1993 or 1994. IHCD annexed a large area that was known to have main sewers and building sewers in bad condition, and proceeded to smoke test the entire sewer system for that area, looking for sources of I&I.

55. Has the Collection System experienced corrosion problems in the last five years?

Yes _____ No X

If yes, describe the location where these occurred and if these areas are chronic problem areas.

56. Do You have a corrosion control program in place?

Yes _____ No X

If yes, what has been the preferred treatment or prevention program selected or implemented?

57. Do You televise the sewers to evaluate the condition of the Collection System?

Yes X No _____

58. Do You operate an industrial pretreatment program approved by EPA or the State?

Yes _____ No X

Customer Complaints

59. Describe how You receive, document, and respond to customer complaints regarding the Sanitary Sewer System.

Office staff logs complaint or inquiry received in person, by phone, or in writing and transmits the information to maintenance staff who goes to the site, visually inspects, and makes a report which is filed in the main office.

Urgent maintenance issues are dealt with immediately by staff, who if necessary can call out a contractor who has agreed in advance to be available. Non-urgent issues are logged for future action.

60. Provide the following information related to Sanitary Sewer System user complaints:

a. Number of user complaints received each year for the last five years

2009	30
2010	42
2011	43
2012	35
2013	39

b. Number of user complaints received each year for the last five years that were your responsibility

2009	1
2010	1
2011	1
2012	1
2013	0

c. Number of claims received and damages paid each year for the last five years

2009	0	
2010	1	\$2010
2011	0	
2012	0	
2013	0	

d. Number of claims received for damages that were denied each year for the last five years

2009	0
2010	0
2011	0
2012	0
2013	0

61. Provide the number of public health or other warnings You issued that were attributed to wastewater each year for the last five years and the dates of each such warning.

None

Financial Information

62. Provide the following information related to customer billing for use of your Sanitary Sewer System:

a. Current rate schedule for residential customers

See Exhibit 10 (rate schedule effective January 2014) and Exhibit 11 (rate schedule effective January 2015).

- b. Average annual bill for the typical residential household for each year for the last five years

	Dual rate structure:
2009	\$261 or \$132
2010	\$261 or \$132
2011	\$261 or \$132
2012	\$261 or \$132
2013	\$261 or \$132

- c. Whether the residential rate is based on water consumption, a flat rate, or a combination of both water consumption and flat rate

Flat rate, except one large apartment complex is on metered rate.

- d. Volume of water assumed to be used per household if residential rate based on a flat rate, whether entirely or partially.

140 gpd

- e. Month and year when the last wastewater and/or Sanitary Sewer System related customer rate increase occurred

January 2014.

- f. History of rate increases for the past 10 years

See Exhibits 9-11.

- g. Process by which rate increases are approved (i.e., unilaterally by the public works department/wastewater or water utility/city/village; elected official(s) approval; voter referendum; etc.)

Rates are set by the IHCD board of directors, who are elected officials, by resolution adopted after notice and public hearing. Customers have a statutory right to remonstrate and to have judicial review.

- h. Process by which customers of Sanitary Sewer System are billed (i.e., which department; by You or by GSD)

IHCD bills user charges to customers. Lake County Treasurer bills property tax and any assessments to customers.

63. Provide the following information related to the revenue received from Sanitary Sewer System user charges:

a. Total annual revenue received for each year for the last five years

2009	\$ 941,540
2010	\$ 966,856
2011	\$1,031,924
2012	\$1,024,073
2013	\$1,009,336

b. Percent of total annual revenue received used for long-term debt for each year for the last five years

Unknown, but the following is annual total long-term debt expense as a percent of annual total user charge revenue.

2009	150.4%
2010	40.9%
2011	38.2%
2012	38.3%
2013	38.7%

c. Percent of total annual revenue used for collection and conveyance of wastewater for each year for the last five years.

Unknown, but the following is annual total C&C expense as a percent of annual total user charge revenue.

2009	108.2%
2010	72.6%
2011	39.7%
2012	51.5%
2013	105.4%

64. Provide the following information related to the revenue received from other sources (e.g., property tax, tap-in fees, etc.) used for O&M of your Sanitary Sewer System:

a. Total annual revenue received for each year for the last five years

2009	\$1,667,360
2010	\$1,658,446
2011	\$2,368,195

2012	\$1,678,008
2013	\$ 935,577

- b. Percent of total annual revenue used for long-term debt for each year for the last five years

Unknown, but the following is annual total long-term debt expense as a percent of annual total "other" revenue.

2009	85.0%
2010	23.8%
2011	16.6%
2012	23.4%
2013	41.8%

- c. Percent of total annual revenue used for collection and conveyance of wastewater for each year for the last five years

Unknown, but the following is annual total C&C expense as a percent of annual total "other" revenue.

2009	108.2%
2010	72.6%
2011	39.7%
2012	51.5%
2013	105.4%

65. Provide your budget for the wastewater activity for the current year including proposed wastewater system capital improvements.

See Exhibit 8.

66. Provide the following fiscal information related to your Collection System for the most recent service year (identify which months You consider your service year):

Service year is January - December

- a. O&M expenditure for your Collection System

2013	\$986,146
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- b. Annual depreciation for your Collection System

2013 None

c. Annual debt service (principal plus interest) for your Collection System

2013 \$390,975

67. Provide the total annual cost paid to GSD for wastewater related services for service years 2012 and 2013.

Not applicable.

68. Identify how You bill customers in your Sanitary Sewer System service area for stormwater collection and management (e.g., separate stormwater utility fee, incorporation into sewer or wastewater bill, etc.).

Not applicable

69. If You utilize a stormwater utility fee or any other user fee that is different from the sewer or wastewater user charge, do You factor in acreage and permeability into the stormwater fee or bill?

Not applicable

If yes, please describe.

70. Do You recover all or a portion of the costs associated with the O&M of your storm sewer system from the user fees You collect from customers for wastewater related services?

Not applicable

If yes, what percentage? If less than 100%, indicated from where else You recover your storm sewer system O&M costs.

71. Are there portions of your Sanitary Sewer System service area that are not served by separate storm sewers?

No

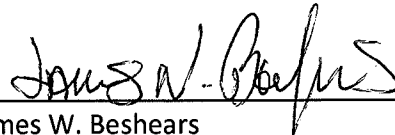
If yes, please describe.

(continued and signed on next page)

Certification

I certify under penalty of law that this response and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

Date: April 1, 2014



James W. Beshears
Chairman of the Board of Directors
Independence Hill Conservancy District

Independence Hill Conservancy District

Exhibits with Response to EPA Questionnaire

No.	Description
1	NPDES Permit
2	Application for NPDES Permit
3	Map of Service Area
4	Chapter 4, IHCD Code
5	Board of Finance Report for 2013
6	Cost of Service Study, Metered Rate
7	Cost of Service Study, Flat Rate
8	Budget Estimates for 2014
9	User Fee Rate Schedule Effective Before 01/01/2014
10	User Fee Rate Schedule Effective 01/01/2014
11	User Fee Rate Schedule Effective 01/01/2015



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

December 30, 2011

VIA ELECTRONIC MAIL

Mr. James Brashears, Chairman
Independence Hill Conservancy District
7507 Taft Street, Suites 2 & 3
Merrillville, Indiana 46410

Dear Mr. Brashears:

Re: Final Operational Permit No. INJ031089
Independence Hill Conservancy District
Sanitary Sewer Collection System
Lake County

Your application for an operational permit has been processed in accordance with Sections 402 and 405 of the Federal Water Pollution Control Act as amended, (33 U.S.C. 1251, et seq.), and IDEM's permitting authority under IC 13-15.

Please note that this permit issuance can be appealed. An appeal must be filed under procedures outlined in IC 13-15-6, IC 4-21.5, and the enclosed public notice. The appeal must be initiated by you within 18 days from the date this letter is postmarked, by filing a request for an adjudicatory hearing with the Office of Environmental Adjudication (OEA), at the following address:

Office of Environmental Adjudication
Indiana Government Center North
100 North Senate Avenue, Room 501
Indianapolis, IN 46204

Please send a copy of any such appeal to me at IDEM, Office of Water Quality-Mail Code 65-42, 100 North Senate Avenue, Indianapolis, Indiana 46204-2251.

Please reference the "Post Public Notice Addendum," on the final pages of the Briefing Memo, for this Office's response to comments submitted during the public notice period.

EXHIBIT 1

Mr. James Brashears, Chairman
Page 2

If you have any questions concerning your operational permit, please contact Leigh Voss at 317/232-8698. Questions concerning appeal procedures should be directed to the Office of Environmental Adjudication, at 317/232-8591.

Sincerely,

A handwritten signature in black ink, appearing to read 'Paul Higginbotham', with a stylized flourish at the end.

Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

Enclosures

cc: Lake County Health Department
Ms. Lynn Sattler
Mr. Arnie Muzumdar
NWRO

STATE OF INDIANA

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

AUTHORIZATION TO OPERATE A COLLECTION SYSTEM UNDER 327 IAC 3-4

In accordance with the Indiana Department of Environmental Management's (IDEM's) permitting authority under IC 13-15 and 327 IAC 3-4, this operational permit is being issued to the

INDEPENDENCE HILL CONSERVANCY DISTRICT

hereinafter referred to as "the permittee." The permittee owns and/or operates a sanitary sewer system located at 7507 Taft Street, Suites 2 & 3, Merrillville, Indiana, Lake County. The permittee's sanitary sewer system conveys wastewater to the Merrillville Conservancy District collection system at 73rd Avenue and Taft Street, Merrillville, Indiana. The Merrillville Conservancy District collection system discharges to the Gary Sanitary District's wastewater treatment plant for treatment.

Effective Date: January 1, 2012

Expiration Date: December 31, 2016

In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and application forms as are required by the Indiana Department of Environmental Management. The application shall be submitted to IDEM at least 180 days prior to the expiration date of this permit, unless a later date is allowed by the Commissioner in accordance with 327 IAC 5-3-2 and Part II.A.5 of this permit.

Issued on December 30, 2011, for the Indiana Department of Environmental Management.



Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

COLLECTION SYSTEM DESCRIPTION

The Independence Hill Conservancy District operates a 100% separate sanitary sewer system by design. Part of the Independence Hill Conservancy District was formerly owned and operated by Lincoln Utilities, Inc. All wastewater from the Independence Hill Conservancy District is pumped via one (1) lift station, where a gravity line enters, and is then discharged to the Merrillville Conservancy District collection system at 73rd Avenue and Taft Street, Merrillville, Indiana. The Merrillville Conservancy District collection system discharges to the Gary Sanitary District's wastewater treatment plant for treatment.

The permittee has a 7.4 acre flow equalization basin which is used for storage when the collection system capacity is exceeded during wet weather events. The excess flow from the equalization basin then returns to the collection system.

The collection system is comprised of 100% separate sanitary sewers by design with no overflow points identified.

PART I

A. SANITARY SEWER OVERFLOW PROHIBITION AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is required to monitor and report any discharges from the collection system, other than the intended discharge into the Merrillville Conservancy District collection system, which transports the wastewater to the Gary Sanitary District Wastewater Treatment Plant, in accordance with the conditions set forth in the permit.

Overflows in the sanitary sewer system or in a sanitary portion of a combined sewer system are expressly **prohibited** from discharging at any time. Should any release from the sanitary sewer system occur, the permittee is required to notify the Enforcement Section of the Office of Water Quality orally within twenty-four (24) hours and in writing within five (5) days of the event in accordance with the requirements in Part II.C.2.b of this permit. The correspondence shall include the duration and cause of discharge as well as the remedial action taken to eliminate it.

2. Minimum Narrative Limitations

Discharge from any portion of the sewer system shall not cause receiving waters:

- a. including the mixing zone, to contain substances, materials, floating debris, oil, scum or other pollutants:
 - (1) that will settle to form putrescent or otherwise objectionable deposits;
 - (2) that are in amounts sufficient to be unsightly or deleterious;

- (3) that produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
 - (4) which are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;
 - (5) which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

B. DEFINITIONS

- (1) The "Regional Administrator" is defined as the Region V Administrator, U.S. EPA, located at 77 West Jackson Boulevard, Chicago, Illinois 60604.
- (2) The "Commissioner" is defined as the Commissioner of the Indiana Department of Environmental Management, located at the following address: 100 North Senate Avenue, Indianapolis, Indiana 46204-2251.

PART II

STANDARD CONDITIONS FOR OPERATIONAL PERMITS

A. GENERAL CONDITIONS

1. Authority

The terms and conditions of this permit are authorized under:

- a. 327 IAC 3-4-3, which requires an operational permit to contain such terms and conditions as the Commissioner determines necessary to assure that the water pollution control facility will be operated in such a manner that any pollutants released or threatened to be released by the facility into the environment will not cause or contribute to violations of applicable water quality standards, or otherwise cause a significant adverse impact on the environment or the public health.
- b. 327 IAC 3-4-4(b), which requires that the provisions of 327 IAC 5-3-2, 327 IAC 5-3-3, 327 IAC 5-3-6, 327 IAC 5-3-7, 327 IAC 5-3-14, 327 IAC 5-3-15, and 327 IAC 5-3-16 be applied to the issuance of an operational permit.
- c. 327 IAC 5-3-6 (applicable under 327 IAC 3-4-4(b) above), which requires that the provisions of 327 IAC 5-2-6, 327 IAC 5-2-8, 327 IAC 5-2-9, 327 IAC 5-2-10, 327 IAC 5-2-13, 327 IAC 5-2-14, and 327 IAC 5-2-15 be contained in the draft permit.
- d. the miscellaneous administrative provisions of 327 IAC 3-5.

2. Duty to Comply

The permittee shall comply with all terms and conditions of this permit in accordance with 327 IAC 5-2-8(1) and all other requirements of 327 IAC 5-2-8. Any permit noncompliance constitutes a violation of the Clean Water Act and IC 13 and is grounds for enforcement action or permit termination, revocation and reissuance, modification, or denial of a permit renewal application.

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3. Duty to Mitigate

In accordance with 327 IAC 5-2-8(3), the permittee shall take all reasonable steps to minimize or correct any adverse impact to the environment resulting from noncompliance with this permit. During periods of noncompliance, the permittee shall conduct such accelerated or additional monitoring for the affected parameters, as appropriate or as requested by IDEM, to determine the nature and impact of the noncompliance.

4. Duty to Provide Information

The permittee shall submit any information that the permittee knows or has reason to believe would constitute cause for modification or revocation and reissuance of the permit at the earliest time such information becomes available, such as plans for physical alterations or additions to the facility that:

- a. could significantly change the nature of, or increase the quantity of, pollutants discharged; or
- b. the Commissioner may request to evaluate whether such cause exists.

In accordance with 327 IAC 5-1-3(a)(5), the permittee must also provide any information reasonably requested by the Commissioner.

5. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must obtain and submit a renewal of this permit in accordance with 327 IAC 5-3-2(a)(2). It is the permittee's responsibility to obtain and submit the application. The application must be submitted at least 180 days before the expiration date of this permit. This deadline may be extended if:

- a. permission is requested in writing before such deadline;
- b. IDEM grants permission to submit the application after the deadline; and
- c. the application is received no later than the permit expiration date.

6. Transfers

This permit is nontransferable to any person except in accordance with 327 IAC 3-5-2. This permit may be transferred to another person by the permittee, without modification or revocation and reissuance being required, if the following requirements of 327 IAC 5-2-6(c) are met:

- a. the current permittee notified the Commissioner at least thirty (30) days in advance of the proposed transfer date.
- b. a written agreement containing a specific date of transfer of permit responsibility and coverage between the current permittee and the transferee (including acknowledgment that the existing permittee is liable for violations up to that date, and the transferee is liable for violations from that date on) is submitted to the Commissioner.
- c. the transferee certifies in writing to the Commissioner their intent to operate the facility without making such material and substantial alterations or additions to the

facility as would significantly change the nature or quantities of pollutants discharged and thus constitute cause for permit modification under 327 IAC 5-2-16(d).

However, the Commissioner may allow a temporary transfer of the permit without permit modification for good cause, e.g., to enable the transferee to purge and empty the facility's treatment system prior to making alterations, despite the transferee's intent to make such material and substantial alterations or additions to the facility.

- d. the Commissioner, within thirty (30) days, does not notify the current permittee and the transferee of the intent to modify, revoke and reissue, or terminate the permit and to require that a new application be filed rather than agreeing to the transfer of the permit.

The Commissioner may require modification or revocation and reissuance of the permit to identify the new permittee and incorporate such other requirements as may be necessary under the Clean Water Act or state law.

7. Permit Actions

In accordance with 327 IAC 5-2-16(b) and 327 IAC 5-2-8(4), this permit may be modified, revoked and reissued, or terminated for cause, including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Failure of the permittee to disclose fully all relevant facts or misrepresentation of any relevant facts in the application, or during the permit issuance process; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge controlled by the permittee (e.g., plant closure, termination of the discharge by connecting to a POTW, a change in state law or information indicating the discharge poses a substantial threat to human health or welfare).

Filing of either of the following items does not stay or suspend any permit condition: (1) a request by the permittee for a permit modification, revocation and reissuance, or termination, or (2) submittal of information specified in Part II.A.3 of the permit including planned changes or anticipated noncompliance.

The permittee shall submit any information that the permittee knows or has reason to believe would constitute cause for modification or revocation and reissuance of the permit at the earliest time such information becomes available, such as plans for physical alterations or additions to the permitted facility that:

1. could significantly change the nature of, or increase the quantity of, pollutants discharged; or
2. the commissioner may request to evaluate whether such cause exists.

8. Property Rights

Pursuant to 327 IAC 5-2-8(6) and 327 IAC 5-2-5(b), the issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to persons or private property or an invasion of rights, any infringement of federal, state, or local laws or regulations. The issuance of the permit also does not preempt any duty to obtain any other state, or local assent required by law for the discharge or for the construction or operation of the facility from which a discharge is made.

9. Severability

In accordance with 327 IAC 1-1-3, the provisions of this permit are severable and, if any provision of this permit or the application of any provision of this permit to any person or circumstance is held invalid, the invalidity shall not affect any other provisions or applications of the permit which can be given effect without the invalid provision or application.

10. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Clean Water Act.

11. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation under authority preserved by Section 510 of the Clean Water Act or state law.

12. Penalties for Violation of Permit Conditions

Pursuant to IC 13-30-4, a person who violates any provision of this permit, the water pollution control laws; environmental management laws; or a rule or standard adopted by the Water Pollution Control Board is liable for a civil penalty not to exceed twenty-five thousand dollars (\$25,000) per day of any violation. Pursuant to IC 13-30-5, a person who obstructs, delays, resists, prevents, or interferes with (1) the department; or (2) the department's personnel or designated agent in the performance of an inspection or investigation commits a class C infraction.

Pursuant to IC 13-30-10, a person who intentionally, knowingly, or recklessly violates any provision of this permit, the water pollution control laws or a rule or standard adopted by the Water Pollution Control Board commits a class D felony punishable by the term of imprisonment established under IC 35-50-2-7(a) (up to one year), and/or by a fine of not less than five thousand dollars (\$5,000) and not more than fifty thousand dollars (\$50,000) per day of violation. A person convicted for a violation committed

after a first conviction of such person under this provision is subject to a fine of not more than one hundred thousand dollars (\$100,000) per day of violation, or by imprisonment for not more than two (2) years, or both.

13. Penalties for Tampering or Falsification

In accordance with 327 IAC 5-2-8(9), the permittee shall comply with monitoring, recording, and reporting requirements of this permit. The Clean Water Act, as well as IC 13-30-10, provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under a permit shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per violation, or by imprisonment for not more than one hundred eighty (180) days per violation, or by both.

14. Toxic Pollutants

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant injurious to human health, and that standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition in accordance with 327 IAC 5-2-8(5). Effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants injurious to human health are effective and must be complied with, if applicable to the permittee, within the time provided in the implementing regulations, even absent permit modification.

15. Construction Permit

Except in accordance with 327 IAC 3, the permittee shall not construct, install, or modify any water pollution treatment/control facility as defined in 327 IAC 3-1-2(24). Upon completion of any construction, the permittee must notify the Compliance Data Section of the Office of Water Quality in writing.

16. Inspection and Entry

In accordance with 327 IAC 5-2-8(7), the permittee shall allow the Commissioner, or an authorized representative, (including an authorized contractor acting as a representative of the Commissioner) upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the permittee's premises where a point source, regulated facility, or activity is located or conducted, or where records must be kept pursuant to the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit;

- c. Inspect at reasonable times any facilities, equipment or methods (including monitoring and control equipment), practices, or operations regulated or required pursuant to this permit; and
- d. Sample or monitor at reasonable times, any discharge of pollutants or internal wastestreams for the purposes of evaluating compliance with the permit or as otherwise authorized.

B. MANAGEMENT REQUIREMENTS

1. Facility Operation, Maintenance and Quality Control

- a. In accordance with 327 IAC 5-2-8(8), the permittee shall at all times maintain in good working order and efficiently operate all facilities and systems (and related appurtenances) for collection that are:
 - (1) installed or used by the permittee; and
 - (2) necessary for achieving compliance with the terms and conditions of the permit.
- b. The permittee shall provide an adequate operating staff which is duly qualified to carry out the operation and maintenance to ensure compliance with the conditions of this permit.
- c. Maintenance of all waste collection and control facilities shall be conducted in a manner that complies with the overflow provisions set forth below.
- d. Any extensions to the sewer system must continue to be constructed on a separated basis. Plans and specifications, when required, for extension of the sanitary system must be submitted to the Facility Construction Section, Office of Water Quality in accordance with 327 IAC 3-2-1. There shall also be an ongoing preventative maintenance program for the sanitary sewer system.
- e. Any overflow or release of sanitary wastewater from the collection system into the environment which is not specifically authorized by this permit is expressly prohibited (pursuant to IC 13-30-2-1, IC 13-18-4-5 and 327 IAC 5-2-2). This prohibition applies to sanitary sewer overflows, regardless of cause, including releases from cracked or broken pipes, manholes, basement backups or any other source or reason.

2. Removed Substances

Solids, sludges, filter backwash, or other pollutants removed from or resulting from treatment or control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the State and to be in

compliance with all Indiana statutes and regulations relative to liquid and/or solid waste disposal.

- a. Collected screenings, slurries, sludges, and other such pollutants shall be disposed of in accordance with provisions set forth in 329 IAC 10, 327 IAC 6.1, or another method approved by the Commissioner.
- b. The permittee shall comply with existing federal regulations governing solids disposal, and with applicable provisions of 40 CFR Part 503, the federal sludge disposal regulation standards.
- c. The permittee shall notify the Commissioner prior to any changes in sludge use or disposal practices.
- d. The permittee shall maintain records to demonstrate its compliance with the above disposal requirements.

3. Power Failures

In accordance with 327 IAC 5-2-10 and 327 IAC 5-2-8(13) in order to maintain compliance with the effluent limitations and prohibitions of this permit, the permittee shall either:

- a. provide an alternative power source sufficient to operate facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit, or
- b. shall halt, reduce or otherwise control all discharge in order to maintain compliance with the effluent limitations and conditions of this permit upon the reduction, loss, or failure of one or more of the primary sources of power to facilities utilized by the permittee to maintain compliance with the effluent limitations and conditions of this permit.

4. Unauthorized Discharge

Any overflow or release of sanitary wastewater from the wastewater treatment facilities or collection system that results in a discharge to waters of the state and is not specifically authorized by this permit is expressly prohibited. These discharges are subject to the reporting requirements in Part II.C.3 of this permit.

5. Sewer Mapping

The permittee shall develop and maintain an accurate sanitary and storm sewer map of their collection system. The map shall be updated to indicate any substantial changes to the collection system (new sewer line installation, inflow and infiltration repairs, etc.).

C. REPORTING REQUIREMENTS

1. Planned Changes in Facility or Discharge

Pursuant to 327 IAC 5-2-8(10)(F) and 5-2-16(d) (as authorized under 327 IAC 3-4-3), the permittee shall give notice to the Commissioner as soon as possible of any planned alterations or additions to the collection system (which includes any point source) that could significantly change the nature of, or increase the quantity of, flows.

2. Incident Reporting Requirements

Pursuant to 327 IAC 5-2-8(10) and 327 IAC 5-1-3, the permittee shall orally report to the Commissioner information on the following incidents within 24 hours from the time permittee becomes aware of such occurrence. If the incident meets the emergency criteria of item b (Part II.C.3.b) or 327 IAC 2-6.1, then the report shall be made as soon as possible, but within two (2) hours of discovery. However, under 327 IAC 2-6.1-3(1), when the constituents of the bypass are regulated by this permit, and death or acute injury or illness to animals or humans does not occur, the reporting requirements of 327 IAC 2-6.1 do not apply.

- a. Any emergency incident which may pose a significant danger to human health or the environment. Reports under this item shall be made as soon as the permittee becomes aware of the incident by calling 317/233-7745 (888/233-7745 toll free in Indiana). This number should only be called when reporting these emergency events;
- b. Any release, including basement backups, from the sanitary sewer system (including satellite sewer systems operated or maintained by the permittee) not specifically authorized by this permit. Reporting of known releases from private laterals not caused by a problem in the sewer system owned or operated by the permittee is not required under Part II.C.3, however, documentation of such events must be maintained by the permittee and available for review by IDEM staff; or
- c. Any unauthorized discharge from a combined sewer overflow outfall which is identified in this permit.

The permittee can make the oral reports by calling 317/232-8670 during regular business hours. A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. For incidents involving effluent limit violations or discharges, the written submission shall contain: a description of the event and its cause; the period of occurrence, including exact dates and times, and, if the event has not concluded, the anticipated time it is expected to continue; and steps taken or planned to reduce, mitigate and eliminate the event and steps taken or planned to prevent its recurrence. For sewer releases which do not meet the definition of a discharge, the written submission shall contain: a description of the event and its believed cause; the period of occurrence; and any steps taken or planned to mitigate the event and steps taken or planned to prevent its recurrence. The permittee may submit a "Bypass

Overflow/Incident Report" or a "Noncompliance Notification Report", whichever is applicable, to IDEM at 317/232-8637 or 317/232-8406 or to wwreports@idem.IN.gov. If a complete fax or email submittal is sent within 24 hours of the time that the permittee became aware of the occurrence, then that report will satisfy both the oral and written reporting requirements.

3. Other Noncompliance

Pursuant to 327 IAC 5-2-8(10)(D), the permittee shall report any instance of noncompliance not reported under the "Incident Reporting Requirements" in Part II.C.3 at the time the pertinent Discharge Monitoring Report is submitted. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent the noncompliance.

4. Other Information

Pursuant to 327 IAC 5-2-8(10)(E), where the permittee becomes aware that it failed to submit any relevant facts or submitted incorrect information in a permit application or in any report to the Commissioner, the permittee shall promptly submit such facts or corrected information to the Commissioner.

5. Signatory Requirements

Pursuant to 327 IAC 5-2-22 and 327 IAC 5-2-8(14):

a. All reports required by the permit and other information requested by the Commissioner shall be signed and certified by a person described below or by a duly authorized representative of that person:

- (1) For a corporation: by a principal executive defined as a president, secretary, treasurer, any vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making functions for the corporation or the manager of one or more manufacturing, production, or operating facilities employing more than two hundred fifty (250) persons or having gross annual sales or expenditures exceeding twenty-five million dollars (\$25,000,000) (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

- (3) For a federal, state, or local governmental body or any agency or political subdivision thereof: by either a principal executive officer or ranking elected official.
- b. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described above.
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
 - (3) The authorization is submitted to the Commissioner.
- c. Certification. Any person signing a document identified under paragraphs a and b of this section, shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

6. Availability of Reports

Except for data determined to be confidential under 327 IAC 12.1, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Indiana Department of Environmental Management and the Regional Administrator. As required by the Clean Water Act, permit applications, permits, and effluent data shall not be considered confidential.

7. Penalties for Falsification of Reports

IC 13-30 and 327 IAC 5-2-8(14) provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 180 days per violation, or by both.

8. Progress Reports

In accordance with 327 IAC 5-2-8(10)(A), reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.

9. Advance Notice for Planned Changes

In accordance with 327 IAC 5-2-8(10)(B), the permittee shall give advance notice to IDEM of any planned changes in the permitted facility, any activity, or other circumstances that the permittee has reason to believe may result in noncompliance with permit requirements.

D. ADDRESSES

1. Cashiers Office

Indiana Department of Environmental Management
Cashiers Office – Mail Code 50-10C
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Cashiers Office:

- a. Operational permit applications (new, renewal or modifications) with fee
- b. Construction permit applications with fee

2. Municipal NPDES Permits Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Municipal NPDES Permits Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Municipal NPDES Permits Section:

- a. Preliminary Effluent Limits request letters
- b. Comment letters pertaining to draft Operational permits
- c. Operational permit transfer of ownership requests
- d. Operational permit termination requests

- e. Notifications of substantial changes to a treatment facility, including new industrial sources
 - f. Combined Sewer Overflow (CSO) Operational Plans
 - g. CSO Long Term Control Plans (LTCP)
 - h. Stream Reach Characterization and Evaluation Reports (SRCER)
3. Compliance Data Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Compliance Data Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Compliance Data Section:

- a. Discharge Monitoring Reports (DMRs)
- b. Monthly Reports of Operation (MROs)
- c. Monthly Monitoring Reports (MMRs)
- d. CSO DMRs
- e. Gauging station and flow meter calibration documentation
- f. Compliance schedule progress reports
- g. Completion of Construction notifications
- h. Whole Effluent Toxicity Testing reports
- i. Toxicity Reduction Evaluation (TRE) plans and progress reports

4. Enforcement Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-40
Enforcement Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

- a. Bypass/Overflow Reports
- b. Anticipated Bypass/Overflow Reports

November 3, 2011

Independence Hill Conservancy District Sewer Collection System
7507 Taft Street, Suites 2 & 3, Merrillville, Indiana, Lake County

Operational Permit No. INJ031089

The Independence Hill Conservancy District operates a 100% separate sanitary sewer system by design. Part of the Independence Hill Conservancy District was formerly owned and operated by Lincoln Utilities, Inc. All wastewater from the Independence Hill Conservancy District is pumped via one (1) lift station, where a gravity line enters, and is then discharged to the Merrillville Conservancy District collection system at 73rd Avenue and Taft Street, Merrillville, Indiana. The Merrillville Conservancy District collection system discharges to the Gary Sanitary District's wastewater treatment plant for treatment.

Collection System

Operational Permit Program

More specifically, 327 IAC 3-4-4(b) requires that the procedures for the issuance of NPDES permits under 327 IAC 5-3-2, 327 IAC 5-3-3, 327 IAC 5-3-6, 327 IAC 5-3-7, 327 IAC 5-3-14, 327 IAC 5-3-15, and 327 IAC 5-3-16, apply to the issuance of the

operational permit. These rules address the application requirements, permit modifications, tentative permit decisions, briefing memos, permit issuance and effective dates, response to comment procedures, and judicial reviews applicable to the operational permit. 327 IAC 5-3-6 (applicable under 327 IAC 3-4-4(b) above) requires that the basic NPDES requirements addressed in 327 IAC 5-2-6, 327 IAC 5-2-8, 327 IAC 5-2-9, 327 IAC 5-2-10, 327 IAC 5-2-13, 327 IAC 5-2-14, and 327 IAC 5-2-15 be incorporated in the operational permit. Finally, 327 IAC 3-5 provides the regulatory authority specific to operational permits for various miscellaneous administrative provisions including enforcement, penalties and fees.

The operational permit includes NPDES regulatory citations where applicable as described above. In some instances, an NPDES regulation not directly applicable to the operational permit has been cited as applicable under the general regulatory authority of 327 IAC 3-4-3.

Receiving Stream

The Independence Hill Conservancy District sanitary sewer system conveys wastewater to the Merrillville Conservancy District collection system at 73rd Avenue and Taft Street, Merrillville, Indiana. The Merrillville Conservancy District collection system discharges to the Gary Sanitary District's wastewater treatment plant for treatment.

Compliance History

The permittee is under no enforcement action at the time of this permit preparation. The permittee received a violation letter dated June 3, 2009 from this Office citing the permittee for failure to report a basement backup.

Reopening Clauses

As authorized under 327 IAC 3-4-3, the operational permit includes a reopening clause allowing the permit to be modified or, alternately, revoked and reissued, to reflect any of the causes for modification in 327 IAC 5-2-16.

Permit Term

A five-year term for operational permit No. INJ031089 is proposed.

Drafted by: Leigh Voss
11/03/11

POST PUBLIC NOTICE ADDENDUM: December 21, 2011

The draft NPDES permit renewal for the Independence Hill Conservancy District Sanitary Sewer Collection System was made available for public comment from November 18, 2011 through December 19, 2011 as part of Public Notice No. 2011-11E-RD. During this comment period, a comment letter dated December 7, 2011, from Lynn Sattler, Office Manager, was received. The comments submitted by Ms Sattler, and this Office's corresponding responses are summarized below: Any changes to the permit and/or briefing memo are so noted below.

Comment 1: The permittee requested that the address for the Independence Hill Conservancy District be changed, in the permit and briefing memo, to 7507 Taft Street, Suites 2 & 3, Merrillville, Indiana, Lake County.

Response 1: The permit and briefing memo have been changed to the correct address.

Leigh Voss
12/21/11

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PUBLIC NOTICE NO: 2011 – 121 - F

DATE OF NOTICE: DECEMBER 30, 2011

The Office of Water Quality issues the following NPDES FINAL PERMIT.

OPERATIONAL PERMIT

INDEPENDENCE HILL CD, Permit No. INJ031089, LAKE COUNTY, 2193 W 84TH PL, Merrillville, IN.
This sanitary sewer system conveys wastewater to the Gary Sanitary District WWTP for treatment. Permit Manager: Leigh Voss, 317/232-8698, lvoss@idem.in.gov.

APPEAL PROCEDURES FOR FINAL PERMITS

The Final Permits are available for review & copies at IDEM, Indiana Government Center, North Bldg, 100 N Senate Ave, Indianapolis, IN, Rm 1203, Office of Water Quality/NPDES Permit Section, from 9 – 4, M - F (copies 10¢ per page). Each Final Permit is available at the respective, local County Health Department. **Please tell others you think would be interested in this matter.** Regarding your rights and responsibilities pertaining to the Public Notice process and timeframes, please refer to IDEM websites: <http://www.in.gov/idem/5474.htm> and IDEM Permit Guide (Public Participation): <http://www.in.gov/idem/4172.htm>. To view the Citizen Guide go to: <http://www.in.gov/idem/5803.htm>.

Appeal Procedure: Any person affected by the issuance of the Final Permit may appeal by filing a Petition for Administrative Review with the Office of Environmental Adjudication **within** eighteen (18) days of the date of this Public Notice. Any appeal request must be filed in accordance with IC 4-21.5-3-7 and must include facts demonstrating that the party requesting appeal is the applicant; a person aggrieved or adversely affected or is otherwise entitled to review by law.

Timely filing: The Petition for Administrative Review must be received by the Office of Environmental Adjudication (OEA) **within** 18 days of the date of this Public Notice; either by U.S. Mail postmark or by private carrier with dated receipt. This Petition for Administrative Review represents a request for an Adjudicatory Hearing, therefore must:

- state the name and address of the person making the request;
- identify the interest of the person making the request;
- identify any persons represented by the person making the request;
- state specifically the reasons for the request;
- state specifically the issues proposed for consideration at the hearing;
- identify the Final Permit Rule terms and conditions which, in the judgment of the person making the request, would be appropriate to satisfy the requirements of the law governing this NPDES Permit rule.

If the person filing the Petition for Administrative Review desires any part of the NPDES Final Permit Rule to be stayed pending the outcome of the appeal, a Petition for Stay must be included in the appeal request, identifying those parts to be stayed. Both Petitions shall be mailed or delivered to the address here:
Phone: 317/232-8591.

Environmental Law Judge
Office of Environmental Adjudication
IGC – North Building- Rm 501
100 N. Senate Avenue
Indianapolis IN 46204

Stay Time frame: If the Petition (s) is filed **within** eighteen (18) days of the mailing of this Public Notice, the effective date of any part of the permit, within the scope of the Petition for Stay is suspended for fifteen (15) days. The Permit will become effective again upon expiration of the fifteen (15) days, unless or until an Environmental Law Judge stays the permit action in whole or in part.

Hearing Notification: Pursuant to Indiana Code, when a written request is submitted, the OEA will provide the petitioner or any person wanting notification, with the Notice of pre-hearing conferences, preliminary hearings, hearing stays or orders disposing of the Petition for Administrative Review. Petition for Administrative Review must be filed in compliance with the procedures and time frames outlined above. Procedural or scheduling questions should be directed to the OEA at the phone listed above.

INDEPENDENCE HILL CONSERVANCY DISTRICT

7507 Taft Street, Suites 2 & 3
Merrillville, Indiana 46410

Telephone: (219) 769-3996
Fax: (219) 769-6237

June 17, 2011

Mr. Jerry Dittmer, Section Chief
Indiana Department of Environmental Management
Office of Water Quality/Permitting Branch
100 North Senate Avenue
Indianapolis, IN 46204

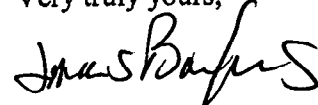
RE: Permit Renewal Application for Permit No. INJ031089
Independence Hill Conservancy District
Lake County

Dear Mr. Dittmer,

The above referenced permit expires on December 31, 2011. The Independence Hill Conservancy District operates a 100% separate sanitary sewer system by design. Part of the Independence Hill Conservancy District was formerly owned and operated by Lincoln Utilities, Inc. All wastewater from the Independence Hill Conservancy District is pumped via one (1) lift station, where a gravity line enters, and then is discharged into the Merrillville Conservancy District sewers at 73rd Avenue and Taft Street. The Merrillville Conservancy District sewer system discharges to the Gary Sanitary District's wastewater treatment plant for treatment. The permittee has a 7.4-acre flow equalization basin, which is used for storage when the collection system capacity is exceeded during wet weather events. The excess flow from the equalization basin then returns to the collection system.

We are submitting our application for renewal of our permit to you and have submitted a check for the \$50.00 permit fee to IDEM's Cashier's Office. Should you have any technical questions regarding the permit application, please contact Mr. Arnie Muzumdar of North-West Engineering Co., Inc. at 219-882-6856.

Very truly yours,



James Beshears

Encl: Permit Application
Permit Fee

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

APPLICATION FOR an OPERATIONAL PERMIT under 327 IAC 3-4

1. Facility Name:

Operation #: INJ 0 3 1 0 8 9
 (New applicants will be assigned a permit number later.)

City/Town: Independence Hill Conservancy
 County: Lake County District

2. Facility Type:

Semi-Public ☐ Minor Municipal ☒ State Owned ☐ Federally Owned ☐

3. Type of Permit Action Requested:

New ☐ Renewal ☒ Modification ☐

4. If Facility has an Existing Operation Permit:

Date of Issuance 01 / 01 / 2007 Date of Expiration 12 / 31 / 2011

Owner or Legally Responsible Party: (Town Board President/Mayor)

5. Name of Responsible Party Mr. James Beshears, Chairman
 Facility Name: Independence Hill Conservancy District
 Address: 7507 Taft Street, Suite 2 and 3
 City: Merrillville, State: Indiana Zip Code: 46410
 Phone: (219) 769-3996

Resident Manager or Person in Charge on Site:

6. Name: Ms. Lynn Sattler
 Address: 7507 Taft Street, Suite 2 and 3
 City: Merrillville State: Indiana Zip Code: 46402
 Phone: (219) 769-3996

Certified Operator: N/A

7. Name: _____
 Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone: () - _____ Certification #: _____ Classification: _____

Facility:

8. Physical Location: (Use street names, county road numbers, and also provide the latitude and longitude of the discharge location) 73rd Avenue & Taft Street, Merrillville, IN

Lat. 41°29°09.18"N Long. 87° 21' 46.08" W

9. Mailing Address, if different from facility location:

Address: _____
 City: _____ State: _____ Zip Code: _____

Consultant / Engineer: (If applicable)

10. Name: North-West Engineering Co., Inc.
 Address: 100 West 4th Avenue, 2nd Floor
 City: Gary State: IN Zip Code: 46410
 Phone: (219) 882-6856

Fee Requirement:

11. An application fee of fifty dollars (\$50) must be submitted to this agency with this application before the permit application may be processed. Make the check or money order payable to the *Indiana Department of Environmental Management* and show on the check or money order the name of the discharging facility.

Signature Block:

12. This application must be signed by a person in responsible charge (such as the owner, partner, a corporate officer, school board president, school superintendent, etc.) to be valid. This signature, attests to the following:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the information to be true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

James Beshears
(Printed Name of Person Signing)

21 JUN 2011
(Date of Application)

Chairman, IHCD Board of Directors
(Title)


(Signature of Applicant)

Return Completed Application and Associated Materials to:

Indiana Department of Environmental Management
Cashier's Office - Mail Code 50-10C
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

TREATMENT FACILITY INVENTORY

Facility Capacity: N/A

1. Please answer the following questions in Million Gallons Per Day (MGD):

Average Design Flow _____ Average Flow _____ Maximum Flow _____

Collection System:

2. Check one of the following:

100 % Sanitary Sewers ☒ X

Combined Storm and Sanitary Sewers

If combined, what percentage of collection system is combined _____ %

3. Does the treatment system contain any bypass points? ☐ Yes ☒ No

If Yes, provide the bypass ID #(s) and corresponding location(s) (Attach additional sheets, if necessary)

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

4. Does the treatment system contain any overflow points? ☐ Yes ☒ No

If Yes, provide the bypass ID #(s) and corresponding location(s) (Attach additional sheets, if necessary)

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

Facility Outfalls:

5. Number of Separate Plant Outfalls (Other than bypass or overflow points): N/A

List all separate plant outfalls below: (Attach additional sheets, if necessary)

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

ID # _____ Location: _____

Latitude/Longitude: _____

Receiving Stream: _____

6. Does the facility discharge within two (2) miles upstream of a lake, reservoir, or sinkhole?

☐ Yes ☒ No If Yes, name of lake, reservoir, or sinkhole

7. Does the facility discharge within forty (40) miles upstream of a lake or reservoir? N/A

☐ Yes ☐ No If Yes, name of lake, reservoir, or sinkhole

8. What is the distance from this facility to the nearest publicly-owned treatment works? 16 Miles

What is the name of this facility? Gary Sanitary District WWTP

Receiving Stream:

9. Name of Receiving Stream: (If the immediate receiving stream is an unnamed ditch, swale, or field tile, so specify, but also give the name of the stream to which it is tributary)

Grand Calumet River

Waste Contributors:

10. Both Municipal and Non-Municipal:

List any industrial process water contributors:

Percentage of flow due to industry: 0 %

Does the discharge contain or have the potential to contain the following?: (Check all that apply)

☐ Al ☐ Cd ☐ Cr ☐ Cu ☐ Pb ☐ Hg ☐ Zn ☐ CN ☐ Ni ☐ Phenols

Others _____

11. Municipal:

Population Served: 8,000 Population Equivalent:

12. Semi-Public: (Enter the number of customers currently served by the facility.)

Number of students: K thru 6 _____ Higher grades:

Number of mobile home units: _____ Number of campground lots, or motel units:

Beds: (If facility serves as a nursing home, hospital, etc.)

Commercial Establishments

Treatment Description: N/A

13. Type of Treatment:

☐ Primary ☐ Secondary ☐ Advanced

14. Is your facility designed to operate as a controlled discharger? ☐ Yes ☐ No

15. Treatment Processes: (Check all that apply.)

☐ Regular Activated Sludge ☐ Rotating Biological ☐ Anaerobic Digestion ☐ Two Day Lagoon
☐ Extended Aeration ☐ Contactors ☐ Aerobic Digestion ☐ Phosphorus
☐ Oxidation Ditch ☐ Nitrification ☐ Rapid Sand Filter ☐ Removal
☐ Sequential Batch Reactor ☐ Aerated Lagoons ☐ Microstrainer ☐ Post Aeration
☐ Trickling Filter ☐ Waste Stabilization ☐ Flow Equalization ☐ Flow Meter
☐ Septic Tank ☐ Lagoon ☐ Constructed Wetland
☐ If other processes are used, please check and explain as part of the facility description in item 20.

Disinfection: N/A

16. ☐ Chlorination Type/Method:

☐ Dechlorination Type/Method:

☐ Ultra-violet Light If ultra-violet light is used, is a UV light intensity meter installed? ☐ Yes ☐ No
☐ Other Method (Please explain.)

Sludge Handling/Disposal: N/A

17. **Handling:** (Check all that apply)
☐ Sludge Thickener ☐ Sludge Drying Beds ☐ Belt Dryer ☐ Sludge Lagoons ☐ Composting
Other types of Dewatering (Please explain.)
18. **Disposal:** (Check all that apply.)
☐ Land Application Liquid Permit # _____ ☐ Land Application Dried Permit # _____
☐ Landfill ☐ Incineration ☐ Stockpile ☐ Hauling (Hauler Name)
Other

Facility Construction/Modification: N/A

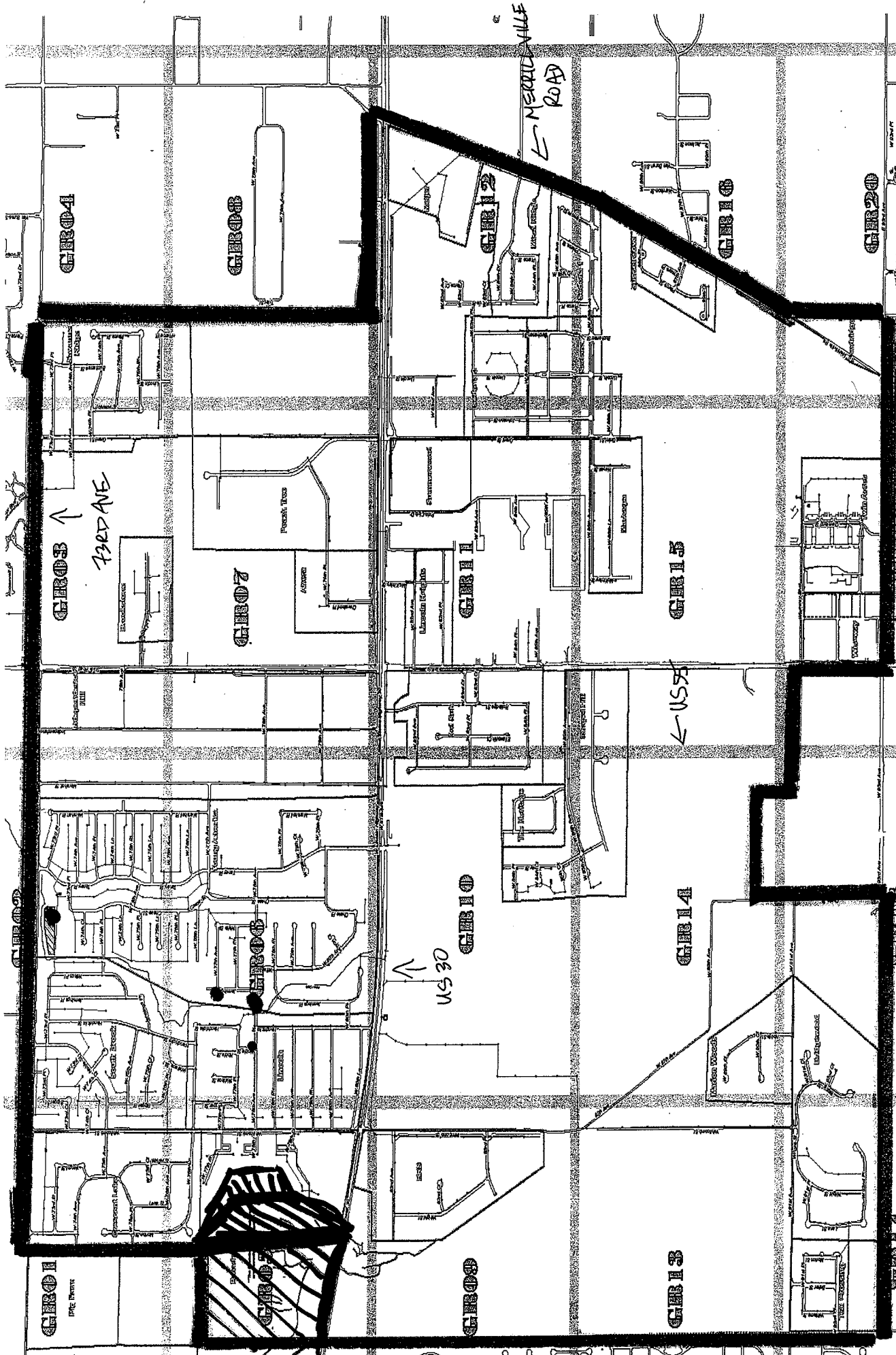
19. Is the facility proposing any new construction or facility modification at this time?
☐ Yes ☐ No
If Yes, describe in detail the nature of the construction including proposed time tables, IDEM Construction Permit Approval Number, and date of construction approval:

Facility Description: N/A

20. Provide a narrative description of the wastewater treatment facility detailing equipment and plant layout. Providing a separate, detailed flow diagram or design summary is also strongly recommended.

Additional Information for Subsurface Discharges:

21. Provide the following information:
- A. A USGS topographic map or a county highway map with the exact site indicated.
 - B. Plot plan or plans to scale showing property lines, structures, roads, water wells within 300 feet of the proposed wastewater disposal facility, and topography with 2-foot contours.
 - C. Detailed legal description of the property proposed for the permitted facility.
 - D. Report of an on-site survey identifying soils at the site of the proposed absorption field including textures, and structures at each soil horizon and depth to seasonal high water table or bedrock.



CHAPTER 4. GENERAL SEWER USE REQUIREMENTS

Section 4.1. General Prohibition

No user shall introduce or cause to be introduced into the District's POTW any pollutant or wastewater which causes pass-through or interference anywhere in the POTW. (Res. 2009-03 §2, 10/27/09.)

Section 4.2. Specific Prohibitions

No user shall introduce or cause to be introduced into the District's POTW any of the following pollutants, substances, or wastewater:

- (1) Pollutants which create a fire or explosive hazard in the POTW, including but not limited to waste streams with a closed-cup flashpoint of less than 140° F (60° C) using the test methods specified in 40 CFR 261.21.
- (2) Wastewater which has a pH less than 6.0 or more than 10.5, or otherwise causing corrosive structural damage to the POTW or equipment.
- (3) Solid or viscous substances in amounts which will cause obstruction of the flow in the POTW resulting in interference, but in no case solids greater than 0.5 inch (1.2 cm) in any dimension.
- (4) Pollutants, including oxygen-demanding pollutants such as BOD, released in a discharge at a flow rate and/or pollutant concentration which, either singly or in combination with other pollutants, will cause interference.
- (5) Wastewater having a temperature greater than 150° F (65° C).
- (6) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin, in amounts that cause interference or pass-through.
- (7) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health or safety problems.
- (8) Trucked or hauled pollutants, including but not limited to septic tank wastes.
- (9) Noxious or malodorous liquids, gases, solids, or other wastewater which, either singly or by interaction with other wastes, are sufficient to create a public nuisance or hazard to life or prevent entry into the sewers for maintenance or repair.
- (10) Wastewater which imparts color which cannot be removed by the treatment process, such as but not limited to dye wastes and vegetable tanning solutions.
- (11) Wastewater containing any radioactive wastes or isotopes, except in compliance with applicable federal and state regulations.
- (12) Storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage,

swimming pool drainage, condensate, de-ionized water, noncontact cooling water, and unpolluted wastewater, except as provided in Section 4.8(c).

- (13) Sludges, screenings, or other residues from the pretreatment of industrial wastes.
- (14) Medical wastes.
- (15) Wastewater causing, alone or in conjunction with other sources, the treatment plant's effluent to fail a toxicity test.
- (16) Detergents, surface-active agents, or other substances which may cause excessive foaming in the POTW.
- (17) A pollutant listed as toxic under Section 307(a)(1) of the Act.
- (18) A hazardous waste as described in Section 13-11-2-99 of the Indiana Code.
- (19) A hazardous waste that is listed under Section 13-22-2-3 of the Indiana Code.

Pollutants, substances, or wastewater prohibited by this Section shall not be processed or stored in such a manner than they could be discharged to the District's POTW. (Res. 2009-03 §2, 10/27/09; amended Res. 2013-08 §§2-4, 12/16/13.)

Section 4.3. National Categorical Pretreatment Standards

No user shall introduce or cause to be introduced into the District's POTW any pollutant, substance, or wastewater in violation of the categorical pretreatment standards promulgated pursuant to the Act and set forth in 40 CFR Chapter I, Subchapter N, Parts 405-471. Those categorical pretreatment standards are incorporated by this reference as if set out in their entirety in this Section. (Res. 2009-03 §2, 10/27/09.)

Section 4.4. Local Limits

No user shall introduce or cause to be introduced into the District's POTW wastewater containing in excess of the daily maximum limits set forth in Table I. Industries must report results of the parameters listed where there are no set limitations. These limits apply at the point where the wastewater is discharged to the District's POTW. All concentrations for metallic substances are for total metal unless indicated otherwise.

TABLE I
SPECIFIC POLLUTANT LIMITATIONS

Pollutant	Sample Type	Maximum Daily Concentration (mg/l)
Arsenic	Composite	0.037
Cadmium (Total)	Composite	0.25
Chromium (Total)	Composite	0.97
Chromium (Hexavalent)	Grab	0.77

Copper (Total)	Composite	2.5
Cyanide (Total)	Grab	0.058
Iron	Composite	16.7
Lead (Total)	Composite	0.88
Mercury (Total)	Grab	0.0009
Molybdenum (Total)	Composite	12.1
Nickel (Total)	Composite	2.7
Selenium	Composite	1.19
Silver (Total)	Composite	1.2
Zinc (Total)	Composite	2.9
Phenols (4AAP)	Grab	0.7
Oil & Grease	Grab	60.0
Chlorides	Composite	114.0
Fluorides	Composite	12.5
Sulfate	Composite	1125.0
Total Dissolved Solids	Composite	768.0
Benzene	Grab	Report
Toluene	Grab	Report
Ethylene	Grab	Report
Xylene	Grab	Report

(Res. 2009-03 §2, 10/27/09; amended Res. 2013-08 §5, 12/16/13; Res. 2014-01, 1/9/14.)

Section 4.5. Right of Revision

The District reserves the right, by amendment of this Chapter or other action of the Board, to establish more stringent standards or requirements on discharges to the District's POTW consistent with the purposes of this Chapter. (Res. 2009-03 §2, 10/27/09.)

Section 4.6. Dilution Prohibited

No user shall ever increase the use of process water or in any way attempt to dilute a discharge to the District's POTW as a partial or complete substitute for adequate pretreatment to achieve compliance with a discharge limitation, unless expressly authorized by an applicable pretreatment standard. (Res. 2009-03 §2, 10/27/09.)

Section 4.7. Pretreatment Facilities

Users shall provide wastewater treatment as necessary to comply with this Chapter and shall achieve compliance with all categorical pretreatment standards, local limits, and the prohibitions set out in Section 4.2 within the time limitations specified by EPA, the State of Indiana, or the Board, whichever is more stringent. Any facilities necessary for compliance shall be provided, operated, and maintained at the user's expense. Detailed plans describing such facilities and operating procedures shall be submitted to the Board for review and shall be acceptable to the Board before such facilities are constructed. The review of such plans and operating procedures shall in no way relieve the user from the responsibility of

modifying such facilities as necessary to produce a discharge acceptable to the District under the provisions of this Chapter. (Res. 2009-03 §2, 10/27/09.)

Section 4.8. Additional Pretreatment Measures

(a) **Flow Restrictions.** Whenever deemed necessary, the Board may require users to restrict their discharge during peak flow periods, designate that certain wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewage wastestreams from industrial wastestreams, and other conditions to protect the POTW and determine the user's compliance with the requirements of this Chapter.

(b) **Grease Interceptors.** Grease and oil interceptors are required at the user's expense for commercial and industrial establishments that deal in food preparation, food serving, or vehicle maintenance, and other commercial and industrial establishments if necessary in the opinion of the Board for proper handling of liquid wastes containing oil and/or grease. All such interceptors shall be of a type, capacity, and method of installation approved by the Board prior to the commencement of installation and located to be readily and easily accessible for cleaning and inspection. All such interceptors shall be serviced and emptied of the waste content as required for efficient operation, but not less often than every 30 days. Wastes removed from interceptors shall not be introduced into the District's POTW. The user is responsible for the sanitary disposal of such wastes. The user shall keep interceptor cleaning records on file a minimum of 3 years, including receipt for job performed, date cleaned, name of firm performing the cleaning, and disposal method for and destination of material removed. The Board may waive the requirements of this Section, in full or in part, for good cause shown by the user.

(c) **Clear Water Connections.** (1) No user shall cause or permit any pipe or conduit for storm water, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming pool drainage, condensate, de-ionized water, noncontact cooling water, or unpolluted water ("Clear Water") to be connected to or to discharge into the user's building drain or building sewer, except as provided in paragraph (c)(2).

(2) The prohibition of paragraph (c)(1) of this Section does not apply to a pipe or conduit that has been connected since before October 18, 1972, to a building drain or building sewer that drains into the POTW if the estimated cost of disconnecting from and repairing the building drain or building sewer and installing pipe or conduit re-routing the Clear Water to a proper discharge point exceeds the product of: (i) \$5,400.00 multiplied times (ii) the percent ratio of estimated actual annual gallons to 82,000 gallons.

Example #1. If the estimated annual amount of Clear Water is 82,000 gallons, disconnection is not required if the estimated cost exceeds \$5,400.

Example #2. If the estimated annual amount of Clear Water is 50,000 gallons (which is 61% of 82,000 gallons), disconnection is not required if the estimated cost exceeds $\$5,400 \times 61\% = \$3,294$.

Example #3. If the estimated annual amount of Clear Water is 110,000 gallons (which is 134% of 82,000 gallons), disconnection is not required if the estimated cost exceeds $\$5,400 \times 134\% = \$7,236$.

(Res. 2009-03 §2, 10/27/09; amended Res. 2013-08 §6, 12/16/13.)

Section 4.9. Inconsistent Prohibitions

If any two prohibitions provided in this Chapter 4 conflict, the more restrictive prohibition applies. (Res. 2013-08 §7, 12/16/13.)

**INDEPENDENCE HILL
CONSERVANCY DISTRICT

BOARD OF FINANCE REPORT**

for the Year Ended December 31, 2013

INDEPENDENCE HILL CONSERVANCY DISTRICT

BOARD OF FINANCE REPORT

FOR THE YEAR ENDED DECEMBER 31, 2013

CUMULATIVE IMPROVEMENT FUND

BALANCE AT THE BEGINNING OF THE YEAR	\$ 1,000,774.33
INVESTMENTS PURCHASED	4,009,513.75
INVESTMENTS MATURED	<u>(4,006,966.34)</u>
BALANCE AT THE END OF THE YEAR	<u>\$ 1,003,321.74</u>
INTEREST EARNED	\$ 2,547.41
AVERAGE ANNUAL RATE OF RETURN	<u>0.254%</u>

THE INVESTMENTS AS OF DECEMBER 31, 2013 ARE COMPRISED OF:

PEOPLES BANK 9 DAY C.D. .26% DUE 3/05/14

TOTAL	<u>\$ 1,000,774.33</u>
-------	------------------------

INDEPENDENCE HILL CONSERVANCY DISTRICT

Statement of Operations General Fund For the years ended December 31

	<u>2013</u>	<u>2012</u>
<u>Revenue</u>		
Property Tax	629,489.14	1,250,771.96
Utility Collections	1,009,338.21	1,024,072.56
Interest Earned	459.66	796.35
Other Income	<u>16,134.29</u>	<u>31,647.22</u>
Total Revenue	1,655,421.30	2,307,288.09
<u>Disbursements</u>		
Salaries & Benefits	375,220.17	369,072.69
Office expenses	29,190.55	27,926.67
Sewage Disposal (MCD)	667,988.02	506,709.94
System repairs	168,047.66	214,805.16
Bond Interest	231,975.00	237,930.00
Bond Principal reduction	159,000.00	154,000.00
Other operation costs	349,151.14	299,133.34
Purchase of fixed assets	<u>23,992.00</u>	<u>6,068.65</u>
Total Disbursements	2,004,564.54	1,815,646.45
Revenue in excess of Disbursements	<u>(349,143.24)</u>	<u>491,641.64</u>

INDEPENDENCE HILL CONSERVANCY DISTRICT

Statement of Operations Cumulative Improvement Fund

For the years ended December 31,

	<u>2013</u>	<u>2012</u>
<u>Revenue</u>		
Property Tax	255,843.94	246,599.80
Interest Earned	2,547.41	1,388.61
Connection Fees	<u>31,102.52</u>	<u>146,804.94</u>
Total Revenue	289,493.87	394,793.35
 <u>Disbursements</u>		
Salaries & Benefits	0.00	0.00
Office expenses	0.00	0.00
Sewage Disposal (MCD)	0.00	0.00
System repairs	105,760.21	373,843.69
Bond Interest	0.00	0.00
Bond Principal reduction	0.00	0.00
Other operation costs	0.00	12,729.00
Purchase of fixed assets	<u>0.00</u>	<u>0.00</u>
Total Disbursements	105,760.21	386,572.69
 Revenue in excess of Disbursements	 <u>183,733.66</u>	 <u>8,220.66</u>

INDEPENDENCE HILL CONSERVANCY DISTRICT

Consolidated Statement of Operations For the years ended December 31,

	<u>2013</u>	<u>2012</u>
<u>Revenue</u>		
Property Tax	885,333.08	1,497,371.76
Utility Collections	1,009,338.21	1,024,072.56
Interest Earned	3,007.07	2,184.96
Other Income	16,134.29	31,647.22
Connection Fees	<u>31,102.52</u>	<u>146,804.94</u>
Total Revenue	1,944,915.17	2,702,081.44
 <u>Disbursements</u>		
Salaries & Benefits	375,220.17	369,072.69
Office expenses	29,190.55	27,926.67
Sewage Disposal (MCD)	667,988.02	506,709.94
System repairs	273,807.87	588,648.85
Bond Interest	231,975.00	237,930.00
Bond Principal reduction	159,000.00	154,000.00
Other operation costs	349,151.14	311,862.34
Purchase of fixed assets	23,992.00	6,068.65
Total Disbursements	2,110,324.75	2,202,219.14
 Revenue in excess of Disbursements	<u>(165,409.58)</u>	<u>499,862.30</u>

Independence Hill Conservancy District

Cash Position

December 31, 2013

	<u>General</u>	<u>Cumulative Improvement</u>	<u>Total</u>
<u>Beginning of the Year</u>			
Cash in Bank	1,601,913.50	899,726.70	2,501,640.20
Investments	0.00	1,000,774.33	1,000,774.33
NOW Account	<u>1,311,079.75</u>	<u>0.00</u>	<u>1,311,079.75</u>
Total	2,912,993.25	1,900,501.03	4,813,494.28
 Revenue in excess of disbursements for the year	 (349,143.24)	 183,733.66	 (165,409.58)
 <u>Balance end of the Year</u>	 2,563,850.01	 2,084,234.69	 4,648,084.70
 Consisting of:			
Cash in Bank	1,251,085.14	1,080,912.95	2,331,998.09
Investments	0.00	1,003,321.74	1,003,321.74
NOW Account	<u>1,312,764.87</u>	<u>0.00</u>	<u>1,312,764.87</u>
 Total Cash	 2,563,850.01	 2,084,234.69	 4,648,084.70

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

COST OF SERVICE REPORT
Metered Rate Alternative
October 3, 1996

PRELIMINARY DRAFT

EXHIBIT 6

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

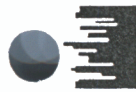
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PRELIMINARY DRAFT

EXHIBIT 6

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MUNICIPAL
CONSULTANTS

Specialty Division of



CROWE CHIZEK

PRELIMINARY DRAFT

- 1 -
EXHIBIT 6

October 3, 1996

Board Members
Independence Hill Conservancy District
2193 W. 84th Place, Suites C & D
Merrillville, IN 46410

Dear Board Members:

Pursuant to our engagement by Independence Hill Conservancy District (District), we have made a study and analysis of the operating and financial reports, budgets and other data pertaining to the District. The results of our analysis are contained in the Cost of Service Report (Report) Metered Rate Alternative which is attached.

The purpose of our study was to estimate the District's user rates and charges needed to meet its on-going revenue requirements for operation and maintenance, debt service and make capital improvements of the District.

This Report is based on data for the twelve months ended December 31, 1995. The historical information used in the Report was taken from the books and records of the Utility, adjusted as necessary for fixed, known and measurable items as disclosed in the exhibits and schedules of this Report. As requested, we have calculated the proposed rates and charges based on metered water flow. The metered water flow information was obtained from Northwest Indiana Water Company and Lincoln Utilities, Inc. The current rates for the District are based on a flat rate per residential dwelling.

It is our understanding that the District and the Merrillville Conservancy District (which provides transportation of the District's wastewater to Gary Sanitary District for ultimate treatment) have not resolved the rates to be paid for sewage transportation and treatment. We have made certain estimates of the annual sewage transportation and treatment expenses in this Report. Those estimates may not reflect the actual sewage transportation and treatment expenses.

We have presented calculations of the proposed rates for the Independence Hill Service Area, the Lincoln Service Area and the combined service area for the Board's consideration. It is our opinion, based on our review, that an overall rate increase is needed to cover operations, maintenance, debt service and to make capital improvements. However, if the District

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Fax 219.756.4056

Crowe, Chizek and Company LLP
A member of Horwath International

determines that it does not owe additional amounts for sewage transmission and treatment expense as presented in adjustment number 19 in schedule C-1, then the overall rate increase would be less than the amount presented. The District should review the impact of such a change on its rates and charges.

In addition, if the method of billing customers is changed to a metered rate basis, individual customers will experience varying changes in rates and in total charges. Further changes may occur depending upon whether rates are adopted based on service areas or based on the District as a whole. If the Board of Directors should adopt rates on a metered basis, consideration should be given to the logistics of obtaining the metered flow information and revising the billing program to invoice customers on a metered basis.

In the course of preparing this Report, we have not conducted an audit of any financial or supplemental data used in the accompanying exhibits and schedules. We have made certain projections of revenues and expenses which may vary from actual results because events and circumstances frequently do not occur as expected and such variances may be material.

MUNICIPAL CONSULTANTS

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Schedule of Fund Balances

For the Years Ended December 31, 1995, 1994, 1993 and 1992

<u>Funds</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
General				
Cash	\$ 285,235	\$ 650,190	\$ 629,696	\$ 628,128
Investments	745,640	312,616	126,569	-
Cumulative Improvement				
Cash	52,052	86,008	95,789	92,531
Investments	103,180	-	300,896	284,065
Sinking Bond I	41,434	-	-	-
Construction	16,864	17,729	-	-
Savannah Ridge	1,050	3,000	3,500	-
HUD Grant	<u>1,001</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$1,246,456</u>	<u>\$1,069,543</u>	<u>\$1,156,450</u>	<u>\$1,004,724</u>

PRELIMINARY DRAFT

EXHIBIT 6

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Comparative Statement of Receipts and Disbursements
For the Years Ended December 31, 1995, 1994, 1993, 1992

	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
<u>Operating Receipts</u>				
IHCD Residential Charges	\$ 103,967	\$ 109,066	\$109,675	\$ 98,389
IHCD Commercial Charges	120,332	94,952	44,127	44,984
Lincoln Residential Charges	426,830	438,385	420,513	437,111
Lincoln Commercial Charges	55,951	57,276	47,568	53,377
IHCD Penalties	4,083	4,033	2,062	1,844
Lincoln Penalties	10,590	12,424	8,418	10,461
Other Customer Receipts	825	1,800	11,117	8,654
Special Benefits Tax Receipts	293,782	343,730	329,625	684,138
Total Operating Receipts	<u>1,016,360</u>	<u>1,061,666</u>	<u>973,105</u>	<u>1,338,958</u>
<u>Operating Disbursements</u>				
<u>Operation and Maintenance Disbursements</u>				
Sewage Transportation Disbursements	306,484	322,712	316,419	330,468
Collection System Disbursements	99,203	77,746	82,768	99,519
Administrative and General Disbursements	431,141	319,806	286,073	290,679
Total Operating and Maintenance Disbursements	<u>836,828</u>	<u>720,264</u>	<u>685,260</u>	<u>720,666</u>
Net Operating Receipts	<u>179,532</u>	<u>341,402</u>	<u>287,845</u>	<u>618,292</u>
<u>Other Income</u>				
Interest Income	36,354	12,578	8,188	1,075
Miscellaneous Income	3,632	27,206	1,206	2,567
Total Other Income	<u>39,986</u>	<u>39,784</u>	<u>9,394</u>	<u>3,642</u>
<u>Other Disbursements</u>				
Debt Service	146,682	175,306	147,905	149,260
Capital Additions	4,769	8,251	22,067	61,678
	<u>151,451</u>	<u>183,557</u>	<u>169,972</u>	<u>210,938</u>
Net Receipts	<u>\$ 68,067</u>	<u>\$ 197,629</u>	<u>\$127,267</u>	<u>\$ 410,996</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

EXHIBIT C

Merrillville, Indiana

Adjusted Statement of Receipts and Disbursements
For the Year Ended December 31, 1995

	For the Year Ended 12/31/95	Adjustments	Adjusted
<u>Operating Receipts</u>			
IHCD Residential Charges	\$ 103,967		\$ 103,967
IHCD Commercial Charges	120,332		120,332
Lincoln Residential Charges	426,830		426,830
Lincoln Commercial Charges	55,951		55,951
IHCD Penalties	4,083		4,083
Lincoln Penalties	10,590		10,590
Interest Income	36,354	\$ (26,354) (1)	10,000
Miscellaneous Receipts	4,457		4,457
Special Benefits Tax Receipts	293,782	28,218 (2)	322,000
Total Operating Receipts	<u>1,056,346</u>	<u>1,864</u>	<u>1,058,210</u>
<u>Operating Disbursements</u>			
Operation and Maintenance Disbursements	836,828	5,292 (3)	1,078,602
		4,625 (4)	
		3,422 (5)	
		405 (6)	
		(38,404) (7)	
		(39,277) (8)	
		(20,293) (9)	
		9,468 (10)	
		2,000 (11)	
		6,000 (12)	
		2,000 (13)	
		83,133 (14)	
		3,798 (15)	
		289 (16)	
		988 (17)	
		160,552 (19)	
		62,815 (20)	
	-	(5,039) (22)	-
Total Operating Disbursements	<u>836,828</u>	<u>241,774</u>	<u>1,078,602</u>
Net Operating Receipts	<u>219,518</u>	<u>(239,910)</u>	<u>(20,392)</u>
<u>Additions and Local Capital</u>			
Local Capital - Debt Service	146,682	(27,227) (18)	119,455
Capital Additions	4,769	10,231 (21)	15,000
Total Additions and Local Capital	<u>151,451</u>	<u>(16,996)</u>	<u>134,455</u>
Net Receipts (Disbursements)	<u>\$ 68,067</u>	<u>\$ (222,914)</u>	<u>\$ (154,847)</u>

Merrillville, Indiana

Detail of Adjustments

(1)

To adjust "Interest Income" to reflect
annual calculated amount.

Calculated Interest Income	\$ 10,000	
Less: Test Year Amount	<u>36,354</u>	
Adjustment		<u>\$ (26,354)</u>

(2)

To adjust "Special Benefits Tax Receipts"
to reflect estimated amount.

Estimated Assessment	\$ 46,092,190	
Estimated Tax Rate per \$100 of Assesed Value	<u>\$ 0.6986</u>	
Estimated Special Benefits Tax Receipts	322,000	
Less: Test Year Amount	<u>293,782</u>	
Adjustment		<u>\$ 28,218</u>

(3)

To adjust "Salaries & Wages" for 5%
wage rate increase.

Test Year Amount	\$ 105,830	
5% Wage Rate Increase	<u>5.00%</u>	
Adjustment		<u>\$ 5,292</u>

(4)

To adjust "Board of Directors Salaries"
to reflect budgeted amount.

Budgeted Director's Salaries	\$ 20,000	
Less: Test Year Amount	<u>15,375</u>	
Adjustment		<u>\$ 4,625</u>

(5)

To adjust "Sewer Inspector Salaries" to
reflect budgeted amount.

Budgeted Sewer Inspector Salaries	\$ 15,000	
Less: Test Year Amount	<u>11,578</u>	
Adjustment		<u>\$ 3,422</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(6)

To adjust "Payroll Tax Expense" to
reflect increases resulting from salary and
wage increases.

Budgeted Increase in Salaries and Wages	\$	5,292	
FICA Tax Rate		7.65%	
Adjustment			<u>\$ 405</u>

(7)

To adjust "Legal Expense" to reflect
estimated annual amount.

Proforma Legal Expense	\$	45,000	
Less: Test Year Amount		83,404	
Adjustment			<u>\$ (38,404)</u>

(8)

To adjust "Engineering Expense" to
estimated annual amount.

Proforma Engineering Expense	\$	50,000	
Less: Test Year Amount		89,277	
Adjustment			<u>\$ (39,277)</u>

(9)

To adjust "Accounting Expense" to
reflect estimated annual amount.

Proforma Accounting Expense	\$	40,000	
Less: Test Year Amount		60,293	
Adjustment			<u>\$ (20,293)</u>

(10)

To adjust "Meter Reading Expense" to
reflect estimated annual amount.

Lincoln (1,705 x \$.40 x 12)	\$	8,184	
IHCD (535 x \$.45 x 12)		1,284	
Proforma		9,468	
Less: Test Year Amount		-	
Adjustment			<u>\$ 9,468</u>

(11)

To adjust "Printing Expense" to reflect
estimated increase in printing expense.

Adjustment			<u>\$ 2,000</u>
------------	--	--	-----------------

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Detail of Adjustments

(12)

To adjust "Insurance Expense" to
reflect estimated increase in insurance.

Proforma Insurance Expense	\$	12,055	
Less: Test Year Amount		<u>6,055</u>	
			\$ <u>6,000</u>

(13)

To adjust "Utilities Expense" to reflect
estimated increase in utilities expense.

Adjustment			\$ <u>2,000</u>
------------	--	--	-----------------

(14)

To adjust "Sewer Repair and Maintenance
Expense" to reflect estimated repairs
and maintenance expense.

Proforma Sewer Repair and Maintenance	\$	105,200	
Less: Test Year Amount		<u>22,067</u>	
Adjustment			\$ <u>83,133</u>

(15)

To adjust "Contract Services" to reflect
estimated contract service expense.

Proforma Contract Service Expense	\$	44,000	
Less: Test Year Amount		<u>40,202</u>	
Adjustment			\$ <u>3,798</u>

(16)

To adjust "Contract Services -
Janitorial" to reflect estimated contract
services - janitorial expense.

Proforma Contract Service - Janitorial	\$	5,000	
Less: Test Year Amount		<u>4,711</u>	
Adjustment			\$ <u>289</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(17)

To adjust "Office Rent Expense" to
reflect estimated annual office rent expense.

Proforma Office Rent Expense	\$	10,000	
Less: Test Year Amount		<u>9,012</u>	
Adjustment			<u>\$ 988</u>

(18)

To adjust "Debt Service" to reflect
average annual debt service.

Average Annual Debt Service (Schedule C-2)	\$	119,455	
Less: Test Year Amount		<u>146,682</u>	
Adjustment			<u>\$ (27,227)</u>

(19)

To adjust "Sewage Transportation" to
current rates.

	<u>IHCD</u>	<u>Lincoln</u>	<u>Total</u>
Flow December 1994 - November 1995	112,946,300	241,680,000	354,626,300
Rate per Million Gallons	<u>\$ 894</u>	<u>\$ 894</u>	<u>\$ 894</u>
	\$ 100,974	\$ 216,062	\$ 317,036
Contingency	<u>47,775</u>	<u>102,225</u>	<u>150,000</u>
Proforma Sewage Transportation	148,749	318,287	467,036
Less: Test Year Amount			<u>306,484</u>
Adjustment			<u>\$ 160,552</u>

(20)

To adjust "Contingencies" to reflect
projected contingencies.

Budgeted Contingencies	\$	70,000	
Less: Test Year Amount		<u>7,185</u>	
Adjustment			<u>\$ 62,815</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(21)

To adjust "Capital Additions" to
reflect budgeted additions.

Budgeted Capital Additions	\$	15,000	
Less: Test Year Amount		<u>4,769</u>	
Adjustment			<u>\$ 10,231</u>

(22)

To adjust "Appraiser/Surveyor" to
reflect budgeted amounts.

Budgeted Expenses	\$	5,000	
Less: Test Year Amount		<u>10,039</u>	
Adjustment			<u>\$ (5,039)</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Refunding Bonds of 1994 - Amortization Schedule

<u>Payment Date</u>	<u>Principal</u>	<u>Coupon</u>	<u>Interest</u>	<u>Period Total</u>	<u>Annual Total</u>
7/1/95			\$ 13,048	\$ 13,048	
1/1/96	\$ 95,000	3.60%	13,048	108,048	\$121,096
7/1/96			11,338	11,338	
1/1/97	95,000	3.90%	11,338	106,338	117,676
7/1/97			9,485	9,485	
1/1/98	100,000	4.10%	9,485	109,485	118,970
7/1/98			7,435	7,435	
1/1/99	105,000	4.30%	7,435	112,435	119,870
7/1/99			5,177	5,177	
1/1/00	110,000	4.50%	5,177	115,177	120,354
7/1/00			2,702	2,702	
1/1/01	<u>115,000</u>	4.70%	<u>2,702</u>	<u>117,702</u>	120,404
	<u>\$620,000</u>		<u>\$ 98,370</u>	<u>\$718,370</u>	

Note: Average Annual Debt Service (1996 - 2000) is \$119,455.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Schedule of Number of Customers and Customer Usage

<u>User Class</u>		<u>Number of Customers</u>	<u>Billed Consumption (Water)</u>	
			<u>CCF</u>	<u>Gallons</u>
<u>Lincoln Service Area</u>				
<u>Residential</u>				
Minimum	5/8 inch	414	19,925	14,904,000
	1 1/2 inch	9	2,498	1,868,400
Metered	5/8 inch	1,216	159,630	119,403,090
	1 1/2 inch	35	14,317	10,709,393
Total Residential		<u>1,674</u>	<u>196,370</u>	<u>146,884,883</u>
<u>Commercial</u>				
Minimum	5/8 inch	8	385	288,000
	1 inch	3	371	277,200
	1 1/2 inch	1	278	207,600
Metered	5/8 inch	10	1,668	1,247,298
	1 inch	3	3,087	2,309,127
	1 1/2 inch	5	5,780	4,323,140
	2 inch	1	2,811	2,102,329
Total Commercial		<u>31</u>	<u>14,380</u>	<u>10,754,694</u>
Lincoln Totals		<u>1,705</u>	<u>210,750</u>	<u>157,639,577</u>
<u>Independence Hill Service Area</u>				
<u>Residential/Multi-Family</u>				
Minimum	5/8 inch	159	-	5,724,000
Metered	5/8 inch	308	-	31,052,000
Unmetered Multi-Family		728	-	39,312,000 (A)
Unmetered Residential		384	-	27,648,000 (B)
Total Residential/Multi-Family		<u>1,579</u>	<u>-</u>	<u>103,736,000</u>
<u>Commercial</u>				
Minimum	5/8 inch	12	-	432,000
	1 inch	9	-	831,600
	1 1/2 inch	1	-	207,600
	2 inch	3	-	1,105,200
Metered	5/8 inch	19	-	3,483,000
	3/4 inch	2	-	452,000
	1 inch	11	-	6,954,000
	1 1/2 inch	2	-	804,000
	2 inch	6	-	14,166,000
Unmetered Commercial		22	-	4,224,000 (C)
Total Commercial		<u>87</u>	<u>-</u>	<u>32,659,400</u>
Independence Hill Totals		<u>1,666</u>	<u>-</u>	<u>136,395,400</u>
Totals		<u>3,371</u>		294,034,977

(A) Estimated monthly multi-family usage is 4,500 gallons for determining multi-family unmetered water usage.

(B) Average monthly residential usage is 6,000 gallons for determining residential unmetered water usage.

(C) Estimated monthly commercial usage is 16,000 gallons for determining commercial unmetered water usage.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Schedule of Equivalent Meters

<u>User Class</u>	<u>Number of Customers</u>	<u>Equivalent Factor</u>	<u>Monthly Equivalent Meters</u>	<u>Annual Equivalent Meters</u>
<u>Lincoln Service Area</u>				
<u>Residential</u>				
Minimum 5/8 inch	414	1.00	414	4,968
1 1/2 inch	9	5.76	52	624
Metered 5/8 inch	1,216	1.00	1,216	14,592
1 1/2 inch	35	5.76	202	2,424
Total Residential	1,674		1,884	22,608
<u>Commercial</u>				
Minimum 5/8 inch	8	1.00	8	96
1 inch	3	2.56	8	92
1 1/2 inch	1	5.76	6	72
Metered 5/8 inch	10	1.00	10	120
1 inch	3	2.56	8	96
1 1/2 inch	5	5.76	29	348
2 inch	1	10.24	10	120
Total Commercial	31		79	944
Lincoln Totals	1,705		1,963	23,552
<u>Independence Hill Service Area</u>				
<u>Residential/Multi-Family</u>				
Minimum 5/8 inch	159	1.00	159	1,908
Metered 5/8 inch	308	1.00	308	3,696
Unmetered Multi-Family	728	1.00	728	8,736
Unmetered Residential	384	1.00	384	4,608
Total Residential/Multi-Family	1,579		1,579	18,948
<u>Commercial</u>				
Minimum 5/8 inch	12	1.00	12	144
1 inch	9	2.56	23	276
1 1/2 inch	1	5.76	6	72
2 inch	3	10.24	31	372
Metered 5/8 inch	19	1.00	19	228
3/4 inch	2	1.44	3	36
1 inch	11	2.56	28	336
1 1/2 inch	2	5.76	12	144
2 inch	6	10.24	61	732
Unmetered Commercial	22	Various	59 (A)	708
Total Commercial	87		254	3,048
Independence Hill Totals	1,666		1,833	21,996
Totals	3,371		3,796	45,548

(A) Estimated equivalent meters based on various meter sizes.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Statement of Pro Forma Receipts and Disbursements
For the Year Ended December 31, 1995

	<u>Adjusted</u>	<u>Pro Forma Adjustments</u>	<u>Proforma</u>	<u>Estimated Coverage</u>
<u>Operating Receipts</u>				
Customer User Charges	\$ 707,080	\$ 185,000 (1)	\$ 892,080	
IHCD Penalties	4,083	-	4,083	
Lincoln Penalties	10,590	-	10,590	
Interest Income	10,000	-	10,000	
Miscellaneous Receipts	4,457	-	4,457	
Special Benefits Tax Receipts	<u>322,000</u>	<u>-</u>	<u>322,000</u>	
Total Operating Receipts	<u>1,058,210</u>	<u>185,000</u>	<u>1,243,210</u>	
<u>Operating Disbursements</u>				
Operation and Maintenance Disbursements	<u>1,078,602</u>	<u>-</u>	<u>1,078,602</u>	
Net Operating Receipts	<u>(20,392)</u>	<u>185,000</u>	<u>164,608</u>	
<u>Additions and Local Capital</u>				
Local Capital - Debt Service	119,455	-	119,455	<u>137.80%</u>
Capital Additions	<u>15,000</u>	<u>-</u>	<u>15,000</u>	
Total Additions and Local Capital	<u>134,455</u>	<u>-</u>	<u>134,455</u>	
Net Receipts (Disbursements)	<u>\$ (154,847)</u>	<u>\$ 185,000</u>	<u>\$ 30,153</u>	

(1) To adjust "Customer Charges" to recalculated cost of service annual revenues
(See Exhibits L and T).

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

EXHIBIT G

Merrillville, Indiana

Total Estimated Cost of Service Requirements

	<u>Total</u>	<u>Lincoln Service Area</u>	<u>IHCD Service Area</u>
<u>Operation and Maintenance Expenses</u>			
Sewage Transportation Expense	\$ 467,036	\$ 318,287 (B)	\$ 148,749 (B)
Collection System Expenses			
Sewer Inspector Salaries	15,000	11,999 (B)	3,001 (B)
Lift Station Supplies	566	566 (B)	- (B)
Utilities	15,242	12,547 (B)	2,695 (B)
Sewer Repair and Maintenance	105,200	62,070 (B)	43,130 (B)
Meter Repair and Maintenance	1,060	568 (A)	492 (A)
Lift Station Repair	10,248	5,636 (B)	4,612 (B)
Contracted Services	44,000	35,640 (B)	8,360 (B)
Total Collection System Expenses	191,316	129,026	62,290
Administrative and General Expenses			
Board of Directors Salaries	20,000	10,722 (A)	9,278 (A)
Office Salaries	111,122	59,572 (A)	51,550 (A)
Contractual Services - Janitorial	5,000	2,681 (A)	2,319 (A)
Payroll Tax Expense	8,501	4,557 (A)	3,944 (A)
Office Supplies	5,832	3,127 (A)	2,705 (A)
Legal Expense	45,000	24,125 (A)	20,875 (A)
Engineering Expense	50,000	26,805 (A)	23,195 (A)
Accounting Expense	40,000	21,444 (A)	18,556 (A)
Meter Reading Expense	9,468	8,184 (B)	1,284 (B)
Appraiser/Surveyor	5,000	2,681 (A)	2,319 (A)
Postage Expense	9,988	5,355 (A)	4,633 (A)
Telephone Expense	7,090	3,801 (A)	3,289 (A)
Printing Expense	3,367	1,805 (A)	1,562 (A)
Liability Insurance Expense	12,055	6,463 (A)	5,592 (A)
Utilities Expense	2,021	1,617 (B)	404 (B)
Office Equipment Repair Expense	865	464 (A)	401 (A)
Office Rent Expense	10,000	5,361 (A)	4,639 (A)
Refunds and Indemnities	2,925	1,568 (A)	1,357 (A)
Contingencies	70,000	37,527 (A)	32,473 (A)
Miscellaneous Expense	2,016	1,081 (A)	935 (A)
Total Administrative and General Expense	420,250	228,940	191,310
Total Operating and Maintenance Expenses	1,078,602	676,253	402,349
Local Capital			
Local Capital - Debt Service	119,455	95,564 (B)	23,891 (B)
Capital Improvements	15,000	8,042 (A)	6,959 (A)
Net Receipts	30,153	16,165 (A)	13,988 (A)
Total Local Capital	164,608	119,771	44,838
Less:			
Interest Revenue	(10,000)	(5,361) (A)	(4,639) (A)
Special Benefits Tax Receipts	(322,000)	(174,273) (C)	(147,727) (C)
Total Cost of Service Requirements	\$ 911,210	\$ 616,390	\$ 294,821

(A) The allocation was based on the proportion of Lincoln and other IHCD areas' consumption to total consumption.

(B) The expenses were specifically allocated to each service area based on costs identified to each area.

(C) The allocation was based on the assessed valuation of Lincoln and other IHCD service area to the total assessed valuation for all freeholders in the IHCD for the 1993 assessment year.

Lincoln Service Area

54.122%

Independence Hill Service Area

45.878%

SECTION II
INDEPENDENCE HILL SERVICE AREA

PRELIMINARY DRAFT

EXHIBIT 6

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

EXHIBIT H

Independence Hill Service Area
Estimated Annual Allocated Cost of Service Requirements

	<u>Pro Forma</u>	<u>Treatment</u>	<u>Collection System</u>	<u>Billing & Collection</u>	<u>Administrative</u>	<u>Allocators</u>
Sewage Transportation Expense	\$ 148,749	\$ 148,749	\$ -	\$ -	\$ -	Direct
<u>Collection System Expenses</u>						
Sewer Inspector Salaries	3,001	-	3,001	-		Direct
Plant Supplies	-	-	-	-		Direct
Utilities	2,695	-	2,695	-		Direct
Sewer Repair and Maintenance	43,130	-	43,130	-		Direct
Meter Repair and Maintenance	492	-	492	-		Direct
Lift Station Repair	4,612	-	4,612	-		Direct
Contracted Services	8,360	-	8,360	-		Direct
<u>Administrative and General Expenses</u>						
Board of Directors Salaries	9,278	-	-	-	9,278	Direct
Office Salaries	51,550	-	-	23,713	27,837	Allocated
Contractual Services - Janitorial	2,319	-	-	-	2,319	Direct
Payroll Tax Expense	3,944	-	-	1,814	2,130	Allocated
Office Supplies	2,705	-	-	2,705	-	Direct
Legal Expense	20,875	-	-	-	20,875	Direct
Engineering Expense	23,195	-	-	-	23,195	Direct
Accounting Expense	18,556	-	-	-	18,556	Direct
Meter Reading Expense	1,284	-	-	1,284	-	Direct
Appraiser/Surveyor	2,319	-	-	-	2,319	Direct
Postage Expense	4,633	-	-	4,633	-	Direct
Telephone Expense	3,289	-	-	-	3,289	Direct
Printing Expense	1,562	-	-	1,562	-	Direct
Liability Insurance Expense	5,592	-	-	-	5,592	Direct
Utilities Expense	404	-	-	-	404	Direct
Office Equipment Repair Expense	401	-	-	-	401	Direct
Office Rent Expense	4,639	-	-	-	4,639	Direct
Bank and Recording Fees	1,357	-	-	1,357	-	Direct
Contingencies	32,473	-	-	-	32,473	Direct
Miscellaneous Expense	935	-	-	-	935	Direct
Total Operating and Maintenance Expense	<u>402,349</u>	<u>148,749</u>	<u>62,290</u>	<u>37,068</u>	<u>154,242</u>	
<u>Local Capital</u>						
Local Capital - Debt Service	23,891	-	-	-	23,891	Direct
Capital Improvements	6,959	-	6,959	-	-	Direct
Net Receipts	13,988	-	-	-	13,988	Direct
Total Local Capital	<u>44,838</u>	<u>-</u>	<u>6,959</u>	<u>-</u>	<u>37,879</u>	
Less: Other Revenue						
Interest Revenue	(4,639)	(1,543)	(718)	(385)	(1,993)	Allocated
Special Benefits Tax Receipts	(147,727)	(49,139)	(22,876)	(12,245)	(63,467)	Allocated
Total Other Revenue	<u>(152,366)</u>	<u>(50,682)</u>	<u>(23,594)</u>	<u>(12,630)</u>	<u>(65,460)</u>	
Total Cost of Service Requirements	<u>\$ 294,821</u>	<u>\$ 98,067</u>	<u>\$ 45,655</u>	<u>\$ 24,438</u>	<u>\$ 126,661</u>	

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated User Charge
Operation and Maintenance ChargeOperation and Maintenance

Treatment Expenditures (Exhibit H)	\$ 98,067
Administrative Expenditures (Exhibit H)	<u>126,661</u>
Total Operations and Maintenance	224,728
Total Billed Flow (1,000 Gallons) (Exhibit D)	<u>136,395</u>
Operations and Maintenance Charge (Per 1,000 Gallons)	\$ 1.65
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit L)	<u>0.01</u>
Adjusted Operations and Maintenance Charge	<u>\$ 1.66</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated User Charges
Collection System ChargeCollection System

Total Collection System Expenditures (Exhibit H)	\$ 45,655
Total Annual Equivalent Meters (Exhibit E)	<u>21,996</u>
Collection System Charge per Equivalent Meters	\$ 2.08
Rounding Adjustment to Make Annual Revenues Equal to Cost of Service (Exhibit L)	<u>0.01</u>
Adjusted Collection System Charge per Equivalent Meters	<u><u>\$ 2.09</u></u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated User Charges
Billing and Collection ChargeBilling and Collection

Total Billing and Collection Expenditures (Exhibit H) \$ 24,438

Annual Number of Bills (1) 19,992

Billing and Collection Charge \$ 1.22

Rounding Adjustment to Make Annual Revenues
Equal Cost of Service (Exhibit L) 0.01Adjusted Billing and Collection Charge \$ 1.23

(1) Total number of customers (Exhibit D) 1,666 times 12 months is 19,992 which is the annual number of bills.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
 Calculation of Estimated Annual Revenues at
 Proposed User Charge Rates and Reconciliation of Cost of Service

<u>User Class</u>		<u>Number of Customers</u>	<u>1995 Gallons Billed (Water)</u>	<u>Operation & Maintenance Per 1,000 Gal. \$1.66</u>	<u>Collection System Per E.M. \$2.09</u>	<u>Billing & Collection Per Bill \$1.23</u>	<u>Total Annual Revenues</u>
<u>Residential/Multi-Family</u>							
Minimum	5/8 inch	159	5,724,000	\$ 9,502	\$ 3,988	\$ 2,347	\$ 15,837
Metered	5/8 inch	308	31,052,000	51,546	7,725	4,546	63,817
Unmetered Multi-Family		728	39,312,000	65,258	18,258	10,745	94,261
Unmetered Residential		384	27,648,000	45,896	9,631	5,668	61,195
Total Residential		1,579	103,736,000	172,202	39,602	23,306	235,110
<u>Commercial</u>							
Minimum	5/8 inch	12	432,000	717	301	177	1,195
	1 inch	9	831,600	1,380	577	133	2,090
	1 1/2 inch	1	207,600	345	150	15	510
	2 inch	3	1,105,200	1,835	777	44	2,656
Metered	5/8 inch	19	3,483,000	5,782	477	280	6,539
	3/4 inch	2	452,000	750	75	30	855
	1 inch	11	6,954,000	11,544	702	162	12,408
	1 1/2 inch	2	804,000	1,335	301	30	1,666
	2 inch	6	14,166,000	23,516	1,530	89	25,135
	Unmetered Commercial	22	4,224,000	7,012	1,480	325	8,817
Total Commercial		87	32,659,400	54,216	6,370	1,285	61,871
Totals		1,666	136,395,400	226,418	45,972	24,591	296,981
Cost of Service (Exhibit H)				224,728	45,655	24,438	294,821
Difference				\$ 1,690	\$ 317	\$ 153	\$ 2,160
Percentage				1.00%	0.69%	0.63%	0.73%

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Schedule of Proposed User Charges and Typical Bill Analysis

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance (Flow)</u>
5/8 inch	1.00	\$ 2.09	\$ 1.23	\$ 1.66
1 inch	2.56	5.35	1.23	1.66
1/2 inch	5.76	12.04	1.23	1.66
2 inch	10.24	21.40	1.23	1.66

Typical Bill Analysis for 5/8 Inch Meter

<u>Gallons (1,000)</u>	<u>Collection System & Billing Charge</u>	<u>Volume Charge</u>	<u>Total User Charge</u>
1	\$ 3.32	\$ 4.98	\$ 8.30
2	3.32	4.98	8.30
3	3.32	4.98	8.30
4	3.32	6.64	9.96
5	3.32	8.30	11.62
6	3.32	9.96	13.28
7	3.32	11.62	14.94
8	3.32	13.28	16.60
9	3.32	14.94	18.26
10	3.32	16.60	19.92
11	3.32	18.26	21.58
12	3.32	19.92	23.24
13	3.32	21.58	24.90
14	3.32	23.24	26.56
15	3.32	24.90	28.22
16	3.32	26.56	29.88
17	3.32	28.22	31.54
18	3.32	29.88	33.20
19	3.32	31.54	34.86
20	3.32	33.20	36.52

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Minimum Customer BillMonthly Service Charge by Meter Size

	Collection System <u>Charge</u>	Equivalency <u>Factor</u>	Extended Collection System <u>Charge</u>	Billing and Collection <u>Charge</u>	Total Service <u>Charges</u>
5/8 inch	\$ 2.09	1.00	\$ 2.09	\$ 1.23	\$ 3.32
1 inch	2.09	2.56	5.35	1.23	6.58
1 1/2 inch	2.09	5.76	12.04	1.23	13.27
2 inch	2.09	10.24	21.40	1.23	22.63

Monthly Minimum Charge by Meter Size

	Total Service <u>Charges</u>	Volume <u>Charges</u>	Total Monthly Minimum <u>Charges</u>	Minimum Water Allowance (Gallons)
5/8 inch	\$ 3.32	\$ 4.98	\$ 8.30	3,000
1 inch	6.58	12.78	19.36	7,700
1 1/2 inch	13.27	28.72	41.99	17,300
2 inch	22.63	50.96	73.59	30,700

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Unmetered Customer Bill and Associated Revenue

	Charge Per 1,000 Gallons	Base Charge	Residential	ulti-Family	Commercial	Total
Unmetered Customers			384	728	22	1,134
<u>Gallons for Unmetered Customers</u>						
Residential		6,000 (A)				
Multi-Family		4,500 (B)				
Commercial		16,000 (C)				
<u>Flow Related Charge</u>						
Operation and Maintenance Charge	\$1.66					
Residential Charge		\$ 9.96	\$ 45,896			\$ 45,896
Multi-Family		7.47		\$ 65,258		65,258
Commerical Charge		26.56			\$ 7,012	7,012
<u>Other Charges</u>						
Collection System Charge		2.09	9,631	18,258	1,480	29,369
Billing and Collection Charge		1.23	5,668	10,745	325	16,738
Total Revenue			<u>\$ 61,195</u>	<u>\$ 94,261</u>	<u>\$ 8,817</u>	<u>\$ 164,273</u>
Total Residential Charge		<u>\$ 13.28</u>				
Total Multi-Family Charge		<u>\$ 10.79</u>				
Total Commercial Charge		<u>\$ 29.88</u>				

(A) Average monthly residential water usage per Exhibit D is 6,000 gallons.

(B) Average monthly multi-family water usage per Exhibit D is 4,500 gallons.

(C) Average monthly commercial water usage per Exhibit D is 16,000 gallons.

PRELIMINARY DRAFT

SECTION III
LINCOLN SERVICE AREA

PRELIMINARY DRAFT

EXHIBIT 6

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Estimated Annual Allocated Cost of Service Requirements

	<u>Pro Forma</u>	<u>Treatment</u>	<u>Collection System</u>	<u>Billing & Collection</u>	<u>Administrative</u>	<u>Allocators</u>
Sewage Transportation Expense	\$ 318,287	\$ 318,287	\$ -	\$ -	\$ -	Direct
<u>Collection System Expenses</u>						
Sewer Inspector Salaries	11,999	-	11,999	-		Direct
Plant Supplies	566	-	566	-		Direct
Utilities	12,547	-	12,547	-		Direct
Sewer Repair and Maintenance	62,070	-	62,070	-		Direct
Meter Repair and Maintenance	568	-	568	-		Direct
Lift Station Repair	5,636	-	5,636	-		Direct
Contracted Services	35,640	-	35,640	-		Direct
<u>Administrative and General Expenses</u>						
Board of Directors Salaries	10,722	-	-	-	10,722	Direct
Office Salaries	59,572	-	-	27,403	32,169	Allocated
Contractual Services - Janitorial	2,681	-	-	-	2,681	Direct
Payroll Tax Expense	4,557	-	-	2,096	2,461	Allocated
Office Supplies	3,127	-	-	3,127	-	Direct
Legal Expense	24,125	-	-	-	24,125	Direct
Engineering Expense	26,805	-	-	-	26,805	Direct
Accounting Expense	21,444	-	-	-	21,444	Direct
Meter Reading Expense	8,184	-	-	8,184	-	Direct
Appraiser/Surveyor	2,681	-	-	-	2,681	Direct
Postage Expense	5,355	-	-	5,355	-	Direct
Telephone Expense	3,801	-	-	-	3,801	Direct
Printing Expense	1,805	-	-	1,805	-	Direct
Liability Insurance Expense	6,463	-	-	-	6,463	Direct
Utilities Expense	1,617	-	-	-	1,617	Direct
Office Equipment Repair Expense	464	-	-	-	464	Direct
Office Rent Expense	5,361	-	-	-	5,361	Direct
Bank and Recording Fees	1,568	-	-	1,568	-	Direct
Contingencies	37,527	-	-	-	37,527	Direct
Miscellaneous Expense	1,081	-	-	-	1,081	Direct
Total Operating and Maintenance Expense	<u>676,253</u>	<u>318,287</u>	<u>129,026</u>	<u>49,538</u>	<u>179,402</u>	
<u>Local Capital</u>						
Local Capital - Debt Service	95,564	-	-	-	95,564	Direct
Capital Improvements	8,042	-	8,042	-	-	Direct
Net Receipts	<u>16,165</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>16,165</u>	Direct
Total Local Capital	<u>119,771</u>	<u>-</u>	<u>8,042</u>	<u>-</u>	<u>111,729</u>	
Less: Other Revenue						
Interest Revenue	(5,361)	(2,144)	(923)	(334)	(1,960)	Allocated
Special Benefits Tax Receipts	<u>(174,273)</u>	<u>(69,682)</u>	<u>(30,008)</u>	<u>(10,845)</u>	<u>(63,738)</u>	Allocated
Total Other Revenue	<u>(179,634)</u>	<u>(71,826)</u>	<u>(30,931)</u>	<u>(11,179)</u>	<u>(65,698)</u>	
Total Costs	<u>\$ 616,390</u>	<u>\$ 246,461</u>	<u>\$ 106,137</u>	<u>\$ 38,359</u>	<u>\$ 225,433</u>	

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area
 Calculation of Estimated User Charge
 Operation and Maintenance Charge

Operation and Maintenance

Treatment Expenditures (Exhibit P)	\$246,461
Administrative Expenditures (Exhibit P)	<u>225,433</u>
Total Operations and Maintenance	471,894
Total Billed Flow (Per 1,000 Gallons) (Exhibit D)	<u>157,640</u>
Operations and Maintenance Charge (Per 1,000 Gallons)	\$ 2.99
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit T)	<u>0.01</u>
Adjusted Operations and Maintenance Charge	<u><u>\$ 3.00</u></u>

Operation and Maintenance Charge per CCF

Treatment Expenditures (Exhibit P)	\$246,461
Administrative Expenditures (Exhibit P)	<u>225,433</u>
Total Operations and Maintenance	471,894
Total Billed Flow (Per CCF) (Exhibit D)	<u>210,750</u>
Operations and Maintenance Charge (Per CCF)	<u><u>\$ 2.24</u></u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area
Calculation of Estimated User Charges
Collection System ChargeCollection System

Total Collection System Expenditures (Exhibit P)	\$ 106,137
Total Annual Equivalent Meters (Exhibit E)	<u>23,552</u>
Collection System Charge per Equivalent Meters	\$ 4.51
Rounding Adjustment to Make Annual Revenues Equal to Cost of Service (Exhibit T)	<u>0.01</u>
Adjusted Collection System Charge per Equivalent Meters	<u>\$ 4.52</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area
Calculation of Estimated User Charges
Billing and Collection Charge

Total Billing and Collection Expenditures (Exhibit P)	\$ 38,359
Annual Number of Bills (1)	<u>20,460</u>
Billing and Collection Charge	\$ 1.87
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit T)	<u>0.02</u>
Adjusted Billing and Collection Charge	<u>\$ 1.89</u>

(1) Total number of customers (Exhibit D) 1,705 times 12 months is 20,460, which is the annual number of bills.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Calculation of Estimated Annual Revenues at
Proposed User Charge Rates and Reconciliation of Costs of Service

<u>User Class</u>	<u>Number of Customers</u>	<u>1995 Gallons Billed (Water)</u>	<u>Operation & Maintenance Per 1,000 Gal. \$3.00</u>	<u>Collection System Per E.M. \$4.52</u>	<u>Billing & Collection Per Bill \$1.89</u>	<u>Total Annual Revenues</u>
<u>Residential</u>						
Minimum 5/8 inch	414	14,904,000	\$ 44,712	\$ 22,455	\$ 9,390	\$ 76,557
1 1/2 inch	9	1,868,400	5,605	2,820	204	8,629
Metered 5/8 inch	1,216	119,403,090	358,209	65,956	27,579	451,744
1 1/2 inch	35	10,709,393	32,128	10,956	794	43,878
Total Residential	<u>1,674</u>	<u>146,884,883</u>	<u>440,654</u>	<u>102,187</u>	<u>37,967</u>	<u>580,808</u>
<u>Commercial</u>						
Minimum 5/8 inch	8	288,000	864	434	181	1,479
1 inch	3	277,200	832	417	68	1,317
1 1/2 inch	1	207,600	623	325	23	971
Metered 5/8 inch	10	1,247,298	3,742	542	227	4,511
1 inch	3	2,309,127	6,927	434	68	7,429
1 1/2 inch	5	4,323,140	12,969	1,573	113	14,655
2 inch	1	2,102,329	6,307	542	23	6,872
Total Commercial	<u>31</u>	<u>10,754,694</u>	<u>32,264</u>	<u>4,267</u>	<u>703</u>	<u>37,234</u>
Totals	<u>1,705</u>	<u>157,639,577</u>	<u>472,918</u>	<u>106,454</u>	<u>38,670</u>	<u>618,042</u>
Cost of Service (Exhibit P)			<u>471,894</u>	<u>106,137</u>	<u>38,359</u>	<u>616,390</u>
Difference			<u>\$ 1,024</u>	<u>\$ 317</u>	<u>\$ 311</u>	<u>\$ 1,652</u>
Percentage			<u>0.22%</u>	<u>0.30%</u>	<u>0.81%</u>	<u>0.27%</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Schedule of Proposed User Charges and Typical Bill Analysis (Gallons)

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance (Flow)</u>
5/8 inch	1.00	\$ 4.52	\$ 1.89	\$ 3.00
1 inch	2.56	11.57	1.89	3.00
1 1/2 inch	5.76	26.04	1.89	3.00
2 inch	10.24	46.28	1.89	3.00

Typical Bill Analysis for 5/8 Inch Meter

<u>Gallons (1,000)</u>	<u>Collection System & Billing Charge</u>	<u>Volume Charge</u>	<u>Total User Charge</u>
1	\$ 6.41	\$ 9.00	\$ 15.41
2	6.41	9.00	15.41
3	6.41	9.00	15.41
4	6.41	12.00	18.41
5	6.41	15.00	21.41
6	6.41	18.00	24.41
7	6.41	21.00	27.41
8	6.41	24.00	30.41
9	6.41	27.00	33.41
10	6.41	30.00	36.41
11	6.41	33.00	39.41
12	6.41	36.00	42.41
13	6.41	39.00	45.41
14	6.41	42.00	48.41
15	6.41	45.00	51.41
16	6.41	48.00	54.41
17	6.41	51.00	57.41
18	6.41	54.00	60.41
19	6.41	57.00	63.41
20	6.41	60.00	66.41

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Schedule of Proposed User Charges and Typical Bill Analysis (CCF)

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance (Flow)</u>
5/8 inch	1.00	\$ 4.52	\$ 1.89	\$ 2.24
1 inch	2.56	11.57	1.89	2.24
1/2 inch	5.76	26.04	1.89	2.24
2 inch	10.24	46.28	1.89	2.24

Typical Bill Analysis for 5/8 Inch Meter

<u>CCF</u>	<u>Collection System & Billing Charge</u>	<u>Volume Charge</u>	<u>Total User Charge</u>
1.37	\$ 6.41	\$ 8.98	\$ 15.39
2.67	6.41	8.98	15.39
4.01	6.41	8.98	15.39
5.35	6.41	11.98	18.39
6.68	6.41	14.96	21.37
8.02	6.41	17.96	24.37
9.36	6.41	20.97	27.38
10.70	6.41	23.97	30.38
12.03	6.41	26.95	33.36
13.37	6.41	29.95	36.36
14.71	6.41	32.95	39.36
16.04	6.41	35.93	42.34
17.38	6.41	38.93	45.34
18.72	6.41	41.93	48.34
20.05	6.41	44.91	51.32
21.39	6.41	47.91	54.32
22.73	6.41	50.92	57.33
24.06	6.41	53.89	60.30
25.4	6.41	56.90	63.31
26.74	6.41	59.90	66.31

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area
Calculation of Minimum Customer BillMonthly Service Charge by Meter Size

	Collection System <u>Charge</u>	Equivalency <u>Factor</u>	Extended Collection System <u>Charge</u>	Billing and Collection <u>Charge</u>	Total Service <u>Charges</u>
5/8 inch	\$ 4.52	1.00	\$ 4.52	\$ 1.89	\$ 6.41
1 inch	4.52	2.56	11.57	1.89	13.46
1 1/2 inch	4.52	5.76	26.04	1.89	27.93

Monthly Minimum Charge by Meter Size

	Total Service <u>Charges</u>	Volume <u>Charges</u>	Total Monthly Minimum <u>Charges</u>	Minimum Water Allowance <u>(Gallons)</u>
5/8 inch	\$ 6.41	\$ 9.00	\$ 15.41	3,000
1 inch	13.46	23.10	36.56	7,700
1 1/2 inch	27.93	51.90	79.83	17,300

PRELIMINARY DRAFT

SECTION IV
COMBINED SERVICE AREA

PRELIMINARY DRAFT
EXHIBIT 6

INDIANENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Estimated Annual Allocated Cost of Service Requirements

	<u>Pro Forma</u>	<u>Treatment</u>	<u>Collection System</u>	<u>Billing & Collection</u>	<u>Administrative</u>	<u>Allocators</u>
Sewage Transportation Expense	\$ 467,036	\$ 467,036	\$ -	\$ -	\$ -	Direct
<u>Collection System Expenses</u>						
Sewer Inspector Salaries	15,000	-	15,000	-		Direct
Plant Supplies	566	-	566	-		Direct
Utilities	15,242	-	15,242	-		Direct
Sewer Repair and Maintenance	105,200	-	105,200	-		Direct
Meter Repair and Maintenance	1,060	-	1,060	-		Direct
Lift Station Repair	10,248	-	10,248	-		Direct
Contracted Services	44,000	-	44,000	-		Direct
<u>Administrative and General Expenses</u>						
Board of Directors Salaries	20,000	-	-	-	20,000	Direct
Office Salaries	111,122	-	-	51,116	60,006	Allocated
Contractual Services - Janitorial	5,000	-	-	-	5,000	Direct
Payroll Tax Expense	8,501	-	-	3,911	4,590	Allocated
Office Supplies	5,832	-	-	5,832	-	Direct
Legal Expense	45,000	-	-	-	45,000	Direct
Engineering Expense	50,000	-	-	-	50,000	Direct
Accounting Expense	40,000	-	-	-	40,000	Direct
Meter Reading Expense	9,468	-	-	9,468	-	Direct
Appraiser/Surveyor	5,000	-	-	-	5,000	Direct
Postage Expense	9,988	-	-	9,988	-	Direct
Telephone Expense	7,090	-	-	-	7,090	Direct
Printing Expense	3,367	-	-	3,367	-	Direct
Liability Insurance Expense	12,055	-	-	-	12,055	Direct
Utilities Expense	2,021	-	-	-	2,021	Direct
Office Equipment Repair Expense	865	-	-	-	865	Direct
Office Rent Expense	10,000	-	-	-	10,000	Direct
Bank and Recording Fees	2,925	-	-	2,925	-	Direct
Contingencies	70,000	-	-	-	70,000	Direct
Miscellaneous Expense	2,016	-	-	-	2,016	Direct
Total Operating and Maintenance Expense	<u>1,078,602</u>	<u>467,036</u>	<u>191,316</u>	<u>86,607</u>	<u>333,643</u>	
<u>Local Capital</u>						
Local Capital - Debt Service	119,455	-	-	-	119,455	Direct
Capital Improvements	15,000	-	15,000	-	-	Direct
Net Receipts	<u>30,153</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>30,153</u>	
Total Local Capital	<u>164,608</u>	<u>-</u>	<u>15,000</u>	<u>-</u>	<u>149,608</u>	
Less: Other Revenue						
Interest Revenue	(10,000)	(3,757)	(1,660)	(697)	(3,888)	Allocated
Special Benefits Tax Receipts	<u>(322,000)</u>	<u>(120,966)</u>	<u>(53,437)</u>	<u>(22,432)</u>	<u>(125,165)</u>	Allocated
Total Other Revenue	<u>(332,000)</u>	<u>(124,723)</u>	<u>(55,097)</u>	<u>(23,129)</u>	<u>(129,053)</u>	
Total Costs	<u>\$ 911,210</u>	<u>\$ 342,313</u>	<u>\$ 151,219</u>	<u>\$ 63,478</u>	<u>\$ 354,198</u>	

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Estimated User Charge
Operation and Maintenance ChargeOperation and Maintenance

Treatment Expenditures (Exhibit W)	\$342,313
Administrative Expenditures (Exhibit W)	<u>354,198</u>
Total Operations and Maintenance	696,511
Total Billed Flow (Per 1,000 Gallons) (Exhibit D)	<u>294,035</u>
Operations and Maintenance Charge (Per 1,000 Gallons)	\$ 2.37
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit AA)	<u>0.01</u>
Adjusted Operations and Maintenance Charge	<u><u>\$ 2.38</u></u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Estimated User Charges
Collection System ChargeCollection System

Total Collection System Expenditures (Exhibit W)	\$ 151,219
Total Annual Equivalent Meters (Exhibit E)	<u>45,548</u>
Collection System Charge per Equivalent Meters	\$ 3.32
Rounding Adjustment to Make Annual Revenues Equal to Cost of Service (Exhibit AA)	<u>0.01</u>
Adjusted Collection System Charge per Equivalent Meters	<u><u>\$ 3.33</u></u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Estimated User Charges
Billing and Collection Charge

Total Billing and Collection Expenditures (Exhibit W)	\$ 63,478
Annual Number of Bills (1)	<u>40,452</u>
Billing and Collection Charge	\$ 1.57
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit AA)	<u>-</u>
Adjusted Billing and Collection Charge	<u><u>\$ 1.57</u></u>

- (1) Total number of customers (Exhibit D) 3,371 times 12 months is 40,452, which is the annual number of bills.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
 Calculation of Estimated Annual Revenues at
 Proposed User Charge Rates and Reconciliation of Costs of Service

<u>User Class</u>		<u>Number of Customers</u>	<u>1995 Gallons Billed (Water)</u>	<u>Operation & Maintenance Per 1,000 Gal. \$2.38</u>	<u>Collection System Per E.M. \$3.33</u>	<u>Billing & Collection Per Bill \$1.57</u>	<u>Total Annual Revenues</u>
<u>Residential/Multi-Family</u>							
Minimum	5/8 inch	573	20,628,000	\$ 49,095	\$ 22,897	\$ 10,795	\$ 82,787
	1 1/2 inch	9	1,868,400	4,447	2,078	170	6,695
Metered	5/8 inch	1,524	150,455,090	358,083	60,899	28,712	447,694
	1 1/2 inch	35	10,709,393	25,488	8,072	659	34,219
Unmetered Multi-Family		728	39,312,000	93,563	29,091	13,716	136,370
Unmetered Residential		384	27,648,000	65,802	15,345	7,235	88,382
Total Residential/Multi-Family		<u>3,253</u>	<u>250,620,883</u>	<u>596,478</u>	<u>138,382</u>	<u>61,287</u>	<u>796,147</u>
<u>Commercial</u>							
Minimum	5/8 inch	20	720,000	1,714	799	377	2,890
	1 inch	12	1,108,800	2,639	1,226	226	4,091
	1 1/2 inch	2	415,200	988	480	38	1,506
	2 inch	3	1,105,200	2,630	1,239	57	3,926
Metered	5/8 inch	29	4,730,298	11,258	1,159	546	12,963
	3/4 inch	2	452,000	1,076	120	38	1,234
	1 inch	14	9,263,127	22,046	1,439	264	23,749
	1 1/2 inch	7	5,127,140	12,203	1,638	132	13,973
	2 inch	7	16,268,329	38,719	2,837	132	41,688
Unmetered		22	4,224,000	10,053	2,358	414	12,825
Total Commercial		<u>118</u>	<u>43,414,094</u>	<u>103,326</u>	<u>13,295</u>	<u>2,224</u>	<u>118,845</u>
Totals		<u>3,371</u>	<u>294,034,977</u>	<u>699,804</u>	<u>151,677</u>	<u>63,511</u>	<u>914,992</u>
Cost of Service (Exhibit W)				<u>696,511</u>	<u>151,219</u>	<u>63,478</u>	<u>911,210</u>
Difference				<u>\$ 3,293</u>	<u>\$ 458</u>	<u>\$ 33</u>	<u>\$ 3,782</u>
Percentage				<u>0.47%</u>	<u>0.30%</u>	<u>0.05%</u>	<u>0.42%</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Schedule of Proposed User Charges and Typical Bill Analysis

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance (Flow)</u>
5/8 inch	1.00	\$ 3.33	\$ 1.57	\$ 2.38
3/4 inch	1.44	4.80	1.57	2.38
1 inch	2.56	8.52	1.57	2.38
1/2 inch	5.76	19.18	1.57	2.38
2 inch	10.24	34.10	1.57	2.38

Typical Bill Analysis for 5/8 Inch Meter

<u>Gallons (1,000)</u>	<u>Collection System & Billing Charge</u>	<u>Volume Charge</u>	<u>Total User Charge</u>
1	\$ 4.90	\$ 7.14	\$ 12.04
2	4.90	7.14	12.04
3	4.90	7.14	12.04
4	4.90	9.52	14.42
5	4.90	11.90	16.80
6	4.90	14.28	19.18
7	4.90	16.66	21.56
8	4.90	19.04	23.94
9	4.90	21.42	26.32
10	4.90	23.80	28.70
11	4.90	26.18	31.08
12	4.90	28.56	33.46
13	4.90	30.94	35.84
14	4.90	33.32	38.22
15	4.90	35.70	40.60
16	4.90	38.08	42.98
17	4.90	40.46	45.36
18	4.90	42.84	47.74
19	4.90	45.22	50.12
20	4.90	47.60	52.50

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Minimum Customer Bill

Monthly Service Charge by Meter Size

	<u>Collection System Charge</u>	<u>Equivalency Factor</u>	<u>Extended Collection System Charge</u>	<u>Billing and Collection Charge</u>	<u>Total Service Charges</u>
5/8 inch	\$ 3.33	1.00	\$ 3.33	\$ 1.57	\$ 4.90
1 inch	3.33	2.56	8.52	1.57	10.09
1 1/2 inch	3.33	5.76	19.18	1.57	20.75
2 inch	3.33	10.24	34.10	1.57	35.67

Monthly Minimum Charge by Meter Size

	<u>Total Service Charges</u>	<u>Volume Charges</u>	<u>Total Monthly Minimum Charges</u>	<u>Minimum Water Allowance (Gallons)</u>
5/8 inch	\$ 4.90	\$ 7.14	\$ 12.04	3,000
1 inch	10.09	18.33	28.42	7,700
1 1/2 inch	20.75	41.17	61.92	17,300
2 inch	35.67	73.07	108.74	30,700

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Unmetered Customer Bill and Associated Revenue

	Charge Per 1,000 Gallons	Base Charge	<u>Residential</u>	<u>Multi-Family</u>	<u>Commercial</u>	<u>Total</u>
Unmetered Customers			384	728	22	1,134
<u>Gallons for Unmetered Customers</u>						
Residential		6,000 (A)				
Multi-Family		4,500 (B)				
Commercial		16,000 (C)				
<u>Flow Related Charge</u>						
Operation and Maintenance Charge	\$2.38					
Residential Charge		\$ 14.28	\$ 65,802			\$ 65,802
Multi-Family		10.71		\$ 93,563		93,563
Commercial Charge		38.08			\$ 10,053	10,053
<u>Other Charges</u>						
Collection System Charge		3.33	15,345	29,091	2,358	46,794
Billing and Collection Charge		1.57	7,235	13,716	414	21,365
Total Revenue			<u>\$ 88,382</u>	<u>\$ 136,370</u>	<u>\$ 12,825</u>	<u>\$ 237,577</u>
Total Residential Charge		<u>\$ 19.18</u>				
Total Multi-Family Charge		<u>\$ 15.61</u>				
Total Commercial Charge		<u>\$ 42.98</u>				

(A) Average monthly residential water usage per Exhibit D is 6,000 gallons.

(B) Average monthly multi-family water usage per Exhibit D is 4,500.

(C) Average monthly commercial water usage per Exhibit is 16,000 gallons.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Rate Comparison for Independence Hill, Lincoln and Combined Service Areas

	Independence Hill Service <u>Area</u>	Lincoln Service <u>Area</u>	Combined Service <u>Area</u>
Operation & Maintenance Charge per 1,000 Gallons	\$1.66	\$3.00	\$2.38
Collection System Charge per Equivalent Meters	\$2.09	\$4.52	\$3.33
Billing and Collection Charge per Bill	\$1.23	\$1.89	\$1.57

Typical Bill Analysis for 5/8 Inch MeterGallons
(1,000)

1	\$ 8.30	\$ 15.41	\$ 12.04
2	8.30	15.41	12.04
3	8.30	15.41	12.04
4	9.96	18.41	14.42
5	11.62	21.41	16.80
6	13.28	24.41	19.18
7	14.94	27.41	21.56
8	16.60	30.41	23.94
9	18.26	33.41	26.32
10	19.92	36.41	28.70
11	21.58	39.41	31.08
12	23.24	42.41	33.46
13	24.90	45.41	35.84
14	26.56	48.41	38.22
15	28.22	51.41	40.60
16	29.88	54.41	42.98
17	31.54	57.41	45.36
18	33.20	60.41	47.74
19	34.86	63.41	50.12
20	36.52	66.41	52.50

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Survey of Sewer Rates

<u>City</u>	<u>Population</u>	<u>Effective Date of Sewer Rate</u>	<u>Residential 5/8" Metered Monthly Sewer Billing for 5,000 Gallons or 6.68 CCF</u>
Independence Hill			
IHCD Service Area (1)	27,257	Proposed	\$11.62
		Current - 1990 (Flat Rate)	\$11.00
Lincoln Service Area (1)	27,257	Proposed	\$21.41
		Current - 1990 (Flat Rate)	\$21.74
Crown Point	17,728	1996	\$20.25
MCD (1)	27,257	1996	\$17.00
Gary (1)	116,646	1993	\$12.35
Hammond (1)	84,236	1994	\$11.11
East Chicago (1)	33,892	1988	\$8.10
Michigan City (1)	33,822	1994	\$19.22
Valparaiso	24,414	1992	\$22.07
Portage	29,060	1997 (Flat Rate)	\$23.50
Hobart (1)	21,822	1992	\$20.85
Schererville	19,926	1994	\$18.06

(1) Rates subsidized by property taxes

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

COST OF SERVICE REPORT
Flat Rate Alternative
January 22, 1997

PRELIMINARY DRAFT
EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

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PRELIMINARY DRAFT

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MUNICIPAL
CONSULTANTS

Specialty Division of



CROWE CHIZEK

January 22, 1997

Board Members
Independence Hill Conservancy District
2193 W. 84th Place, Suites C & D
Merrillville, IN 46410

Dear Board Members:

Pursuant to our engagement by Independence Hill Conservancy District (District), we have made a study and analysis of the operating and financial reports, budgets and other data pertaining to the District. The results of our analysis are contained in the Cost of Service Report (Report) Flat Rate Alternative which is attached.

The purpose of our study was to estimate the District's user rates and charges needed to meet its on-going revenue requirements for operation and maintenance, debt service and make capital improvements of the District.

This Report is based on data for the twelve months ended December 31, 1995. The historical information used in the Report was taken from the books and records of the District, adjusted as necessary for fixed, known and measurable items as disclosed in the exhibits and schedules of this Report. As requested, we have calculated the proposed rates and charges based on a flat rate.

It is our understanding that the District and the Merrillville Conservancy District (which provides transportation of the District's wastewater to Gary Sanitary District for ultimate treatment) have not resolved the rates to be paid for sewage transportation and treatment. We have made certain estimates of the annual sewage transportation and treatment expenses in this Report. Those estimates may not reflect the actual sewage transportation and treatment expenses.

We have presented calculations of the proposed rates for the Independence Hill Service Area, the Lincoln Service Area and the combined service area for the Board's consideration. It is our opinion, based on our review, that an overall rate increase is needed to cover operations, maintenance, debt service and to make capital improvements. However, if the District determines that it does not owe additional amounts for sewage transmission and treatment expense as presented in adjustment number 19 in schedule C-1, then the overall rate increase

PRELIMINARY DRAFT

EXHIBIT 7

-1-

8001 BROADWAY, SUITE 300
P.O. BOX 10807
MERRILLVILLE, IN 46411-0807
219/738.1713
Fax 219.756.4056

A Member of Horwath International

would be less than the amount presented. The District should review the impact of such a change on its rates and charges.

In addition, further changes may occur depending upon whether rates are adopted based on service areas or based on the District as a whole.

In the course of preparing this Report, we have not conducted an audit of any financial or supplemental data used in the accompanying exhibits and schedules. We have made certain projections of revenues and expenses which may vary from actual results because events and circumstances frequently do not occur as expected and such variances may be material.

MUNICIPAL CONSULTANTS

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

Schedule of Fund Balances
For the Years Ended December 31, 1995, 1994, 1993 and 1992

<u>Funds</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
General				
Cash	\$ 285,235	\$ 650,190	\$ 629,696	\$ 628,128
Investments	745,640	312,616	126,569	-
Cumulative Improvement				
Cash	52,052	86,008	95,789	92,531
Investments	103,180	-	300,896	284,065
Sinking Bond I	41,434	-	-	-
Construction	16,864	17,729	-	-
Savannah Ridge	1,050	3,000	3,500	-
HUD Grant	<u>1,001</u>	<u>-</u>	<u>-</u>	<u>-</u>
Total	<u>\$1,246,456</u>	<u>\$1,069,543</u>	<u>\$1,156,450</u>	<u>\$1,004,724</u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Comparative Statement of Receipts and Disbursements
For the Years Ended December 31, 1995, 1994, 1993, 1992

	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
<u>Operating Receipts</u>				
IHCD Residential Charges	\$ 103,967	\$ 109,066	\$109,675	\$ 98,389
IHCD Commercial Charges	120,332	94,952	44,127	44,984
Lincoln Residential Charges	426,830	438,385	420,513	437,111
Lincoln Commercial Charges	55,951	57,276	47,568	53,377
IHCD Penalties	4,083	4,033	2,062	1,844
Lincoln Penalties	10,590	12,424	8,418	10,461
Other Customer Receipts	825	1,800	11,117	8,654
Special Benefits Tax Receipts	293,782	343,730	329,625	684,138
Total Operating Receipts	<u>1,016,360</u>	<u>1,061,666</u>	<u>973,105</u>	<u>1,338,958</u>
<u>Operating Disbursements</u>				
<u>Operation and Maintenance Disbursements</u>				
Sewage Transportation Disbursements	306,484	322,712	316,419	330,468
Collection System Disbursements	99,203	77,746	82,768	99,519
Administrative and General Disbursements	431,141	319,806	286,073	290,679
Total Operating and Maintenance Disbursements	<u>836,828</u>	<u>720,264</u>	<u>685,260</u>	<u>720,666</u>
Net Operating Receipts	<u>179,532</u>	<u>341,402</u>	<u>287,845</u>	<u>618,292</u>
<u>Other Income</u>				
Interest Income	36,354	12,578	8,188	1,075
Miscellaneous Income	3,632	27,206	1,206	2,567
Total Other Income	<u>39,986</u>	<u>39,784</u>	<u>9,394</u>	<u>3,642</u>
<u>Other Disbursements</u>				
Debt Service	146,682	175,306	147,905	149,260
Capital Additions	4,769	8,251	22,067	61,678
	<u>151,451</u>	<u>183,557</u>	<u>169,972</u>	<u>210,938</u>
Net Receipts	<u>\$ 68,067</u>	<u>\$ 197,629</u>	<u>\$127,267</u>	<u>\$ 410,996</u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

EXHIBIT C

Merrillville, Indiana

Adjusted Statement of Receipts and Disbursements
For the Year Ended December 31, 1995

	For the Year Ended 12/31/95	Adjustments	Adjusted
<u>Operating Receipts</u>			
IHCD Residential Charges	\$ 103,967		\$ 103,967
IHCD Commercial Charges	120,332		120,332
Lincoln Residential Charges	426,830		426,830
Lincoln Commercial Charges	55,951		55,951
IHCD Penalties	4,083		4,083
Lincoln Penalties	10,590		10,590
Interest Income	36,354	\$ (26,354) (1)	10,000
Miscellaneous Receipts	4,457		4,457
Special Benefits Tax Receipts	293,782	28,218 (2)	322,000
Total Operating Receipts	<u>1,056,346</u>	<u>1,864</u>	<u>1,058,210</u>
<u>Operating Disbursements</u>			
Operation and Maintenance Disbursements	836,828	5,292 (3)	1,078,602
		4,625 (4)	
		3,422 (5)	
		405 (6)	
		(38,404) (7)	
		(39,277) (8)	
		(20,293) (9)	
		9,468 (10)	
		2,000 (11)	
		6,000 (12)	
		2,000 (13)	
		83,133 (14)	
		3,798 (15)	
		289 (16)	
		988 (17)	
		160,552 (19)	
		62,815 (20)	
	-	(5,039) (22)	-
Total Operating Disbursements	<u>836,828</u>	<u>241,774</u>	<u>1,078,602</u>
Net Operating Receipts	<u>219,518</u>	<u>(239,910)</u>	<u>(20,392)</u>
<u>Additions and Local Capital</u>			
Local Capital - Debt Service	146,682	(27,227) (18)	119,455
Capital Additions	4,769	10,231 (21)	15,000
Total Additions and Local Capital	<u>151,451</u>	<u>(16,996)</u>	<u>134,455</u>
Net Receipts (Disbursements)	<u>\$ 68,067</u>	<u>\$ (222,914)</u>	<u>\$ (154,847)</u>

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(1)

To adjust "Interest Income" to reflect
annual calculated amount.

Calculated Interest Income	\$	10,000	
Less: Test Year Amount		<u>36,354</u>	
Adjustment			<u>\$ (26,354)</u>

(2)

To adjust "Special Benefits Tax Receipts"
to reflect estimated amount.

Estimated Assessment	\$	46,092,190	
Estimated Tax Rate per \$100 of Assesed Value	\$	<u>0.6986</u>	
Estimated Special Benefits Tax Receipts		322,000	
Less: Test Year Amount		<u>293,782</u>	
Adjustment			<u>\$ 28,218</u>

(3)

To adjust "Salaries & Wages" for 5%
wage rate increase.

Test Year Amount	\$	105,830	
5% Wage Rate Increase		<u>5.00%</u>	
Adjustment			<u>\$ 5,292</u>

(4)

To adjust "Board of Directors Salaries"
to reflect budgeted amount.

Budgeted Director's Salaries	\$	20,000	
Less: Test Year Amount		<u>15,375</u>	
Adjustment			<u>\$ 4,625</u>

(5)

To adjust "Sewer Inspector Salaries" to
reflect budgeted amount.

Budgeted Sewer Inspector Salaries	\$	15,000	
Less: Test Year Amount		<u>11,578</u>	
Adjustment			<u>\$ 3,422</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(6)

To adjust "Payroll Tax Expense" to
reflect increases resulting from salary and
wage increases.

Budgeted Increase in Salaries and Wages	\$	5,292	
FICA Tax Rate		7.65%	
Adjustment			\$ <u>405</u>

(7)

To adjust "Legal Expense" to reflect
estimated annual amount.

Proforma Legal Expense	\$	45,000	
Less: Test Year Amount		<u>83,404</u>	
Adjustment			\$ <u>(38,404)</u>

(8)

To adjust "Engineering Expense" to
estimated annual amount.

Proforma Engineering Expense	\$	50,000	
Less: Test Year Amount		<u>89,277</u>	
Adjustment			\$ <u>(39,277)</u>

(9)

To adjust "Accounting Expense" to
reflect estimated annual amount.

Proforma Accounting Expense	\$	40,000	
Less: Test Year Amount		<u>60,293</u>	
Adjustment			\$ <u>(20,293)</u>

(10)

To adjust "Meter Reading Expense" to
reflect estimated annual amount.

Lincoln (1,705 x \$.40 x 12)	\$	8,184	
IHCD (535 x \$.45 x 12)		<u>1,284</u>	
Proforma		9,468	
Less: Test Year Amount		<u>-</u>	
Adjustment			\$ <u>9,468</u>

(11)

To adjust "Printing Expense" to reflect
estimated increase in printing expense.

Adjustment			\$ <u>2,000</u>
------------	--	--	-----------------

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Detail of Adjustments

(12)

To adjust "Insurance Expense" to
reflect estimated increase in insurance.

Proforma Insurance Expense	\$ 12,055	
Less: Test Year Amount	<u>6,055</u>	
		<u>\$ 6,000</u>

(13)

To adjust "Utilities Expense" to reflect
estimated increase in utilities expense.

Adjustment		<u>\$ 2,000</u>
------------	--	-----------------

(14)

To adjust "Sewer Repair and Maintenance
Expense" to reflect estimated repairs
and maintenance expense.

Proforma Sewer Repair and Maintenance	\$ 105,200	
Less: Test Year Amount	<u>22,067</u>	
Adjustment		<u>\$ 83,133</u>

(15)

To adjust "Contract Services" to reflect
estimated contract service expense.

Proforma Contract Service Expense	\$ 44,000	
Less: Test Year Amount	<u>40,202</u>	
Adjustment		<u>\$ 3,798</u>

(16)

To adjust "Contract Services -
Janitorial" to reflect estimated contract
services - janitorial expense.

Proforma Contract Service - Janitorial	\$ 5,000	
Less: Test Year Amount	<u>4,711</u>	
Adjustment		<u>\$ 289</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(17)

To adjust "Office Rent Expense" to
reflect estimated annual office rent expense.

Proforma Office Rent Expense	\$	10,000	
Less: Test Year Amount		<u>9,012</u>	
Adjustment			<u>\$ 988</u>

(18)

To adjust "Debt Service" to reflect
average annual debt service.

Average Annual Debt Service (Schedule C-2)	\$	119,455	
Less: Test Year Amount		<u>146,682</u>	
Adjustment			<u>\$ (27,227)</u>

(19)

To adjust "Sewage Transportation" to
current rates.

	<u>IHCD</u>	<u>Lincoln</u>	<u>Total</u>
Flow December 1994 - November 1995	112,946,300	241,680,000	354,626,300
Rate per Million Gallons	<u>\$ 894</u>	<u>\$ 894</u>	<u>\$ 894</u>
	\$ 100,974	\$ 216,062	\$ 317,036
Contingency	<u>47,775</u>	<u>102,225</u>	<u>150,000</u>
Proforma Sewage Transportation	148,749	318,287	467,036
Less: Test Year Amount			<u>306,484</u>
Adjustment			<u>\$ 160,552</u>

(20)

To adjust "Contingencies" to reflect
projected contingencies.

Budgeted Contingencies	\$	70,000	
Less: Test Year Amount		<u>7,185</u>	
Adjustment			<u>\$ 62,815</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

SCHEDULE C -1

Merrillville, Indiana

Detail of Adjustments

(21)

To adjust "Capital Additions" to
reflect budgeted additions.

Budgeted Capital Additions	\$	15,000	
Less: Test Year Amount		<u>4,769</u>	
Adjustment			<u>\$ 10,231</u>

(22)

To adjust "Appraiser/Surveyor" to
reflect budgeted amounts.

Budgeted Expenses	\$	5,000	
Less: Test Year Amount		<u>10,039</u>	
Adjustment			<u>\$ (5,039)</u>

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Refunding Bonds of 1994 - Amortization Schedule

Payment Date	Principal	Coupon	Interest	Period Total	Annual Total
7/1/95			\$ 13,048	\$ 13,048	
1/1/96	\$ 95,000	3.60%	13,048	108,048	\$121,096
7/1/96			11,338	11,338	
1/1/97	95,000	3.90%	11,338	106,338	117,676
7/1/97			9,485	9,485	
1/1/98	100,000	4.10%	9,485	109,485	118,970
7/1/98			7,435	7,435	
1/1/99	105,000	4.30%	7,435	112,435	119,870
7/1/99			5,177	5,177	
1/1/00	110,000	4.50%	5,177	115,177	120,354
7/1/00			2,702	2,702	
1/1/01	115,000	4.70%	2,702	117,702	120,404
	<u>\$620,000</u>		<u>\$ 98,370</u>	<u>\$718,370</u>	

Note: Average Annual Debt Service (1996 - 2000) is \$119,455.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Schedule of Number of Customers and Equivalent Meters

<u>User Class</u>	<u>Number of Customers</u>	<u>Equivalent Factor</u>	<u>Monthly Equivalent Meters</u>	<u>Annual Equivalent Meters</u>
<u>Lincoln Service Area</u>				
<u>Residential</u>				
Minimum 5/8 inch	414	1.00	414	4,968
1 1/2 inch	9	5.76	52	624
Metered 5/8 inch	1,216	1.00	1,216	14,592
1 1/2 inch	35	5.76	202	2,424
Total Residential	1,674		1,884	22,608
<u>Commercial</u>				
Minimum 5/8 inch	8	1.00	8	96
1 inch	3	2.56	8	92
1 1/2 inch	1	5.76	6	72
Metered 5/8 inch	10	1.00	10	120
1 inch	3	2.56	8	96
1 1/2 inch	5	5.76	29	348
2 inch	1	10.24	10	120
Total Commercial	31		79	944
Lincoln Totals	1,705		1,963	23,552
<u>Independence Hill Service Area</u>				
<u>Residential/Multi-Family</u>				
Minimum 5/8 inch	159	1.00	159	1,908
Metered 5/8 inch	308	1.00	308	3,696
Unmetered Multi-Family	728	1.00	728	8,736
Unmetered Residential	384	1.00	384	4,608
Total Residential/Multi-Family	1,579		1,579	18,948
<u>Commercial</u>				
Minimum 5/8 inch	12	1.00	12	144
1 inch	9	2.56	23	276
1 1/2 inch	1	5.76	6	72
2 inch	3	10.24	31	372
Metered 5/8 inch	19	1.00	19	228
3/4 inch	2	1.44	3	36
1 inch	11	2.56	28	336
1 1/2 inch	2	5.76	12	144
2 inch	6	10.24	61	732
Unmetered Commercial	22	Various	59 (A)	708
Total Commercial	87		254	3,048
Independence Hill Totals	1,666		1,833	21,996
Totals	3,371		3,796	45,548

(A) Estimated equivalent meters based on various meter sizes.

PRELIMINARY DRAFT

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Statement of Pro Forma Receipts and Disbursements
For the Year Ended December 31, 1995

	<u>Adjusted</u>	<u>Pro Forma Adjustments</u>	<u>Proforma</u>	<u>Estimated Coverage</u>
<u>Operating Receipts</u>				
Customer User Charges	\$ 707,080	\$ 185,000 (1)	\$ 892,080	
IHCD Penalties	4,083	-	4,083	
Lincoln Penalties	10,590	-	10,590	
Interest Income	10,000	-	10,000	
Miscellaneous Receipts	4,457	-	4,457	
Special Benefits Tax Receipts	322,000	-	322,000	
Total Operating Receipts	<u>1,058,210</u>	<u>185,000</u>	<u>1,243,210</u>	
<u>Operating Disbursements</u>				
Operation and Maintenance Disbursements	<u>1,078,602</u>	<u>-</u>	<u>1,078,602</u>	
Net Operating Receipts	<u>(20,392)</u>	<u>185,000</u>	<u>164,608</u>	
<u>Additions and Local Capital</u>				
Local Capital - Debt Service	119,455	-	119,455	<u>137.80%</u>
Capital Additions	<u>15,000</u>	<u>-</u>	<u>15,000</u>	
Total Additions and Local Capital	<u>134,455</u>	<u>-</u>	<u>134,455</u>	
Net Receipts (Disbursements)	<u>\$ (154,847)</u>	<u>\$ 185,000</u>	<u>\$ 30,153</u>	

(1) To adjust "Customer Charges" to recalculated cost of service annual revenues
(See Exhibits K and Q).

PRELIMINARY DRAFT

Total Estimated Cost of Service Requirements

	<u>Total</u>	<u>Lincoln Service Area</u>		<u>IHCD Service Area</u>	
<u>Operation and Maintenance Expenses</u>					
Sewage Transportation Expense	\$ 467,036	\$ 318,287	(B)	\$ 148,749	(B)
Collection System Expenses					
Sewer Inspector Salaries	15,000	11,999	(B)	3,001	(B)
Lift Station Supplies	566	566	(B)	-	(B)
Utilities	15,242	12,547	(B)	2,695	(B)
Sewer Repair and Maintenance	105,200	62,070	(B)	43,130	(B)
Meter Repair and Maintenance	1,060	548	(A)	512	(A)
Lift Station Repair	10,248	5,636	(B)	4,612	(B)
Contracted Services	44,000	35,640	(B)	8,360	(B)
Total Collection System Expenses	191,316	129,006		62,310	
Administrative and General Expenses					
Board of Directors Salaries	20,000	10,342	(A)	9,658	(A)
Office Salaries	111,122	57,461	(A)	53,661	(A)
Contractual Services - Janitorial	5,000	2,585	(A)	2,415	(A)
Payroll Tax Expense	8,501	4,395	(A)	4,106	(A)
Office Supplies	5,832	3,016	(A)	2,816	(A)
Legal Expense	45,000	23,269	(A)	21,731	(A)
Engineering Expense	50,000	25,855	(A)	24,145	(A)
Accounting Expense	40,000	20,684	(A)	19,316	(A)
Meter Reading Expense	9,468	8,184	(B)	1,284	(B)
Appraiser/Surveyor	5,000	2,585	(A)	2,415	(A)
Postage Expense	9,988	5,165	(A)	4,823	(A)
Telephone Expense	7,090	3,666	(A)	3,424	(A)
Printing Expense	3,367	1,741	(A)	1,626	(A)
Liability Insurance Expense	12,055	6,234	(A)	5,821	(A)
Utilities Expense	2,021	1,617	(B)	404	(B)
Office Equipment Repair Expense	865	447	(A)	418	(A)
Office Rent Expense	10,000	5,171	(A)	4,829	(A)
Refunds and Indemnities	2,925	1,513	(A)	1,412	(A)
Contingencies	70,000	36,197	(A)	33,803	(A)
Miscellaneous Expense	2,016	1,042	(A)	974	(A)
Total Administrative and General Expense	420,250	221,169		199,081	
Total Operating and Maintenance Expenses	1,078,602	668,462		410,140	
Local Capital					
Local Capital - Debt Service	119,455	95,564	(B)	23,891	(B)
Capital Improvements	15,000	7,757	(A)	7,244	(A)
Net Receipts	30,153	15,592	(A)	14,561	(A)
Total Local Capital	164,608	118,913		45,696	
Less:					
Interest Revenue	(10,000)	(5,171)	(A)	(4,829)	(A)
Special Benefits Tax Receipts	(322,000)	(174,273)	(C)	(147,727)	(C)
Total Cost of Service Requirements	\$ 911,210	\$ 607,931		\$ 303,280	

- (A) The allocation was based on the proportion of Lincoln and other IHCD areas' annual equivalent meters to total annual equivalent meters.
- (B) The expenses were specifically allocated to each service area based on costs identified to each area.
- (C) The allocation was based on the assessed valuation of Lincoln and other IHCD service area to the total assessed valuation for all freeholders in the IHCD for the 1993 assessment year.
- Lincoln Service Area 54.122%
- Independence Hill Service Area 45.878%

SECTION II
INDEPENDENCE HILL SERVICE AREA

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

EXHIBIT G

Independence Hill Service Area
Estimated Annual Allocated Cost of Service Requirements

	<u>Pro Forma</u>	<u>Treatment</u>	<u>Collection System</u>	<u>Billing & Collection</u>	<u>Administrative</u>	<u>Allocators</u>
Sewage Transportation Expense	\$ 148,749	\$ 148,749	\$ -	\$ -	\$ -	Direct
<u>Collection System Expenses</u>						
Sewer Inspector Salaries	3,001	-	3,001	-		Direct
Plant Supplies	-	-	-	-		Direct
Utilities	2,695	-	2,695	-		Direct
Sewer Repair and Maintenance	43,130	-	43,130	-		Direct
Meter Repair and Maintenance	512	-	512	-		Direct
Lift Station Repair	4,612	-	4,612	-		Direct
Contracted Services	8,360	-	8,360	-		Direct
<u>Administrative and General Expenses</u>						
Board of Directors Salaries	9,658	-	-	-	9,658	Direct
Office Salaries	53,661	-	-	24,684	28,977	Allocated
Contractual Services - Janitorial	2,415	-	-	-	2,415	Direct
Payroll Tax Expense	4,106	-	-	1,888	2,217	Allocated
Office Supplies	2,816	-	-	2,816	-	Direct
Legal Expense	21,731	-	-	-	21,731	Direct
Engineering Expense	24,145	-	-	-	24,145	Direct
Accounting Expense	19,316	-	-	-	19,316	Direct
Meter Reading Expense	1,284	-	-	1,284	-	Direct
Appraiser/Surveyor	2,415	-	-	-	2,415	Direct
Postage Expense	4,823	-	-	4,823	-	Direct
Telephone Expense	3,424	-	-	-	3,424	Direct
Printing Expense	1,626	-	-	1,626	-	Direct
Liability Insurance Expense	5,821	-	-	-	5,821	Direct
Utilities Expense	404	-	-	-	404	Direct
Office Equipment Repair Expense	418	-	-	-	418	Direct
Office Rent Expense	4,829	-	-	-	4,829	Direct
Bank and Recording Fees	1,412	-	-	1,412	-	Direct
Contingencies	33,803	-	-	-	33,803	Direct
Miscellaneous Expense	974	-	-	-	974	Direct
Total Operating and Maintenance Expense	<u>410,140</u>	<u>148,749</u>	<u>62,310</u>	<u>38,533</u>	<u>160,547</u>	
<u>Local Capital</u>						
Local Capital - Debt Service	23,891	-	-	-	23,891	Direct
Capital Improvements	7,244	-	7,244	-	-	Direct
Net Receipts	<u>14,561</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>14,561</u>	Direct
Total Local Capital	<u>45,696</u>	<u>-</u>	<u>7,244</u>	<u>-</u>	<u>38,452</u>	
Less: Other Revenue						
Interest Revenue	(4,829)	(1,576)	(737)	(408)	(2,108)	Allocated
Special Benefits Tax Receipts	<u>(147,727)</u>	<u>(48,206)</u>	<u>(22,541)</u>	<u>(12,488)</u>	<u>(64,491)</u>	Allocated
Total Other Revenue	<u>(152,556)</u>	<u>(49,782)</u>	<u>(23,278)</u>	<u>(12,896)</u>	<u>(66,599)</u>	
Total Cost of Service Requirements	<u>\$ 303,280</u>	<u>\$ 98,967</u>	<u>\$ 46,276</u>	<u>\$ 25,637</u>	<u>\$ 132,400</u>	

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated User Charge
Operation and Maintenance ChargeOperation and Maintenance

Treatment Expenditures (Exhibit G)	\$ 98,967
Administrative Expenditures (Exhibit G)	<u>132,400</u>
Total Operations and Maintenance	231,367
Total Annual Equivalent Meters (Exhibit D)	<u>21,996</u>
Operations and Maintenance Charge Per Equivalent Meters	\$ 10.52
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit K)	<u>0.01</u>
Adjusted Operations and Maintenance Charge	<u>\$ 10.53</u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated User Charges
Collection System ChargeCollection System

Total Collection System Expenditures (Exhibit G)	\$ 46,276
Total Annual Equivalent Meters (Exhibit D)	<u>21,996</u>
Collection System Charge per Equivalent Meters	\$ 2.10
Rounding Adjustment to Make Annual Revenues Equal to Cost of Service (Exhibit K)	<u>0.01</u>
Adjusted Collection System Charge per Equivalent Meters	<u>\$ 2.11</u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated User Charges
Billing and Collection ChargeBilling and Collection

Total Billing and Collection Expenditures (Exhibit G) \$ 25,637

Annual Number of Bills (1) 19,992

Billing and Collection Charge \$ 1.28

Rounding Adjustment to Make Annual Revenues
Equal Cost of Service (Exhibit K) 0.01Adjusted Billing and Collection Charge \$ 1.29

(1) Total number of customers (Exhibit D) 1,666 times 12 months is 19,992 which is the annual number of bills.

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

Independence Hill Service Area
Calculation of Estimated Annual Revenues at
Proposed User Charge Rates and Reconciliation of Cost of Service

<u>User Class</u>	<u>Number of Customers</u>	<u>Operation & Maintenance Per E.M. \$10.53</u>	<u>Collection System Per E.M. \$2.11</u>	<u>Billing & Collection Per Bill \$1.29</u>	<u>Total Annual Revenues</u>
<u>Residential/Multi-Family</u>					
Minimum 5/8 inch	159	\$ 20,091	\$ 4,026	\$ 2,461	\$ 26,578
Metered 5/8 inch	308	38,919	7,799	4,768	51,486
Unmetered Multi-Family	728	91,990	18,433	11,269	121,692
Unmetered Residential	384	48,522	9,723	5,944	64,189
Total Residential	1,579	199,522	39,981	24,442	263,945
<u>Commercial</u>					
Minimum 5/8 inch	12	1,516	304	186	2,006
1 inch	9	2,906	582	139	3,627
1 1/2 inch	1	758	152	15	925
2 inch	3	3,917	785	46	4,748
Metered 5/8 inch	19	2,401	481	294	3,176
3/4 inch	2	379	76	31	486
1 inch	11	3,538	709	170	4,417
1 1/2 inch	2	1,516	304	31	1,851
2 inch	6	7,708	1,545	93	9,346
Unmetered Commercial	22	7,455	1,494	341	9,290
Total Commercial	87	32,094	6,432	1,346	39,872
Totals	1,666	231,616	46,413	25,788	303,817
Cost of Service (Exhibit G)		231,367	46,276	25,637	303,280
Difference		\$ 249	\$ 137	\$ 151	\$ 537
Percentage		0.00%	0.30%	0.59%	0.18%

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Independence Hill Service Area
Schedule of Proposed User Charges

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance Per Equivalent Meters</u>	<u>Total Per Bill</u>
5/8 inch	1.00	\$ 2.11	\$ 1.29	\$ 10.53	\$ 13.93
1 inch	2.56	5.40	1.29	26.96	33.65
1 1/2 inch	5.76	12.15	1.29	60.65	74.09
2 inch	10.24	21.61	1.29	107.83	130.73

PRELIMINARY DRAFT

EXHIBIT 7

SECTION III
LINCOLN SERVICE AREA

PRELIMINARY DRAFT
EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Estimated Annual Allocated Cost of Service Requirements

	<u>Pro Forma</u>	<u>Treatment</u>	<u>Collection System</u>	<u>Billing & Collection</u>	<u>Administrative</u>	<u>Allocators</u>
Sewage Transportation Expense	\$ 318,287	\$ 318,287	\$ -	\$ -	\$ -	Direct
<u>Collection System Expenses</u>						
Sewer Inspector Salaries	11,999	-	11,999	-		Direct
Plant Supplies	566	-	566	-		Direct
Utilities	12,547	-	12,547	-		Direct
Sewer Repair and Maintenance	62,070	-	62,070	-		Direct
Meter Repair and Maintenance	548	-	548	-		Direct
Lift Station Repair	5,636	-	5,636	-		Direct
Contracted Services	35,640	-	35,640	-		Direct
<u>Administrative and General Expenses</u>						
Board of Directors Salaries	10,342	-	-	-	10,342	Direct
Office Salaries	57,461	-	-	26,432	31,029	Allocated
Contractual Services - Janitorial	2,585	-	-	-	2,585	Direct
Payroll Tax Expense	4,395	-	-	2,022	2,373	Allocated
Office Supplies	3,016	-	-	3,016	-	Direct
Legal Expense	23,269	-	-	-	23,269	Direct
Engineering Expense	25,855	-	-	-	25,855	Direct
Accounting Expense	20,684	-	-	-	20,684	Direct
Meter Reading Expense	8,184	-	-	8,184	-	Direct
Appraiser/Surveyor	2,585	-	-	-	2,585	Direct
Postage Expense	5,165	-	-	5,165	-	Direct
Telephone Expense	3,666	-	-	-	3,666	Direct
Printing Expense	1,741	-	-	1,741	-	Direct
Liability Insurance Expense	6,234	-	-	-	6,234	Direct
Utilities Expense	1,617	-	-	-	1,617	Direct
Office Equipment Repair Expense	447	-	-	-	447	Direct
Office Rent Expense	5,171	-	-	-	5,171	Direct
Bank and Recording Fees	1,513	-	-	1,513	-	Direct
Contingencies	36,197	-	-	-	36,197	Direct
Miscellaneous Expense	1,042	-	-	-	1,042	Direct
Total Operating and Maintenance Expense	<u>668,462</u>	<u>318,287</u>	<u>129,006</u>	<u>48,073</u>	<u>173,096</u>	
<u>Local Capital</u>						
Local Capital - Debt Service	95,564	-	-	-	95,564	Direct
Capital Improvements	7,757	-	7,757	-	-	Direct
Net Receipts	15,592	-	-	-	15,592	Direct
Total Local Capital	<u>118,913</u>	<u>-</u>	<u>7,757</u>	<u>-</u>	<u>111,156</u>	
Less: Other Revenue						
Interest Revenue	(5,171)	(2,090)	(898)	(316)	(1,867)	Allocated
Special Benefits Tax Receipts	(174,273)	(70,448)	(30,270)	(10,640)	(62,915)	Allocated
Total Other Revenue	<u>(179,444)</u>	<u>(72,538)</u>	<u>(31,168)</u>	<u>(10,956)</u>	<u>(64,782)</u>	
Total Costs	<u>\$ 607,931</u>	<u>\$ 245,749</u>	<u>\$ 105,595</u>	<u>\$ 37,117</u>	<u>\$ 219,470</u>	

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Calculation of Estimated User Charge

Operation and Maintenance Charge

Operation and Maintenance

Treatment Expenditures (Exhibit M)	\$245,749
Administrative Expenditures (Exhibit M)	<u>219,470</u>
Total Operations and Maintenance	465,219
Total Annual Equivalent Meters (Exhibit D)	<u>23,552</u>
Operations and Maintenance Charge Per Equivalent Meters	\$ 19.75
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit Q)	<u>0.01</u>
Adjusted Operations and Maintenance Charge	<u><u>\$ 19.76</u></u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area
Calculation of Estimated User Charges
Collection System ChargeCollection System

Total Collection System Expenditures (Exhibit M)	\$ 105,595
Total Annual Equivalent Meters (Exhibit D)	<u>23,552</u>
Collection System Charge per Equivalent Meters	\$ 4.48
Rounding Adjustment to Make Annual Revenues Equal to Cost of Service (Exhibit Q)	<u>0.01</u>
Adjusted Collection System Charge per Equivalent Meters	<u><u>\$ 4.49</u></u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Calculation of Estimated User Charges

Billing and Collection Charge

Total Billing and Collection Expenditures (Exhibit M)	\$ 37,117
Annual Number of Bills (1)	<u>20,460</u>
Billing and Collection Charge	\$ 1.81
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit Q)	<u>0.02</u>
Adjusted Billing and Collection Charge	<u><u>\$ 1.83</u></u>

- (1) Total number of customers (Exhibit D) 1,705 times 12 months is 20,460, which is the annual number of bills.

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Lincoln Service Area

Calculation of Estimated Annual Revenues at
Proposed User Charge Rates and Reconciliation of Costs of Service

<u>User Class</u>		<u>Number of Customers</u>	<u>Operation & Maintenance Per E.M. \$19.76</u>	<u>Collection System Per E.M. \$4.49</u>	<u>Billing & Collection Per Bill \$1.83</u>	<u>Total Annual Revenues</u>
<u>Residential</u>						
Minimum	5/8 inch	414	\$ 98,168	\$ 22,306	\$ 9,091	\$ 129,565
	1 1/2 inch	9	12,330	2,802	198	15,330
Metered	5/8 inch	1,216	288,338	65,518	26,703	380,559
	1 1/2 inch	35	47,898	10,884	769	59,551
Total Residential		<u>1,674</u>	<u>446,734</u>	<u>101,510</u>	<u>36,761</u>	<u>585,005</u>
<u>Commercial</u>						
Minimum	5/8 inch	8	1,897	431	176	2,504
	1 inch	3	1,821	414	66	2,301
	1 1/2 inch	1	1,423	323	22	1,768
Metered	5/8 inch	10	2,371	539	220	3,130
	1 inch	3	1,897	431	66	2,394
	1 1/2 inch	5	6,876	1,563	110	8,549
	2 inch	1	2,371	539	22	2,932
Total Commercial		<u>31</u>	<u>18,656</u>	<u>4,240</u>	<u>682</u>	<u>23,578</u>
Totals		<u>1,705</u>	<u>465,390</u>	<u>105,750</u>	<u>37,443</u>	<u>608,583</u>
Cost of Service (Exhibit M)			<u>465,219</u>	<u>105,595</u>	<u>37,117</u>	<u>607,931</u>
Difference			<u>\$ 171</u>	<u>\$ 155</u>	<u>\$ 326</u>	<u>\$ 652</u>
Percentage			<u>0.04%</u>	<u>0.15%</u>	<u>0.88%</u>	<u>0.11%</u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

Lincoln Service Area
Schedule of Proposed User Charges

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance Per Equivalent Meters</u>	<u>Total Per Bill</u>
5/8 inch	1.00	\$ 4.49	\$ 1.83	\$ 19.76	\$ 26.08
1 inch	2.56	11.49	1.83	50.59	63.91
1 1/2 inch	5.76	25.86	1.83	113.82	141.51
2 inch	10.24	45.98	1.83	202.34	250.15

PRELIMINARY DRAFT

EXHIBIT 7

SECTION IV
COMBINED SERVICE AREA

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area

Estimated Annual Allocated Cost of Service Requirements

	<u>Pro Forma</u>	<u>Treatment</u>	<u>Collection System</u>	<u>Billing & Collection</u>	<u>Administrative</u>	<u>Allocators</u>
Sewage Transportation Expense	\$ 467,036	\$ 467,036	\$ -	\$ -	\$ -	Direct
<u>Collection System Expenses</u>						
Sewer Inspector Salaries	15,000	-	15,000	-		Direct
Plant Supplies	566	-	566	-		Direct
Utilities	15,242	-	15,242	-		Direct
Sewer Repair and Maintenance	105,200	-	105,200	-		Direct
Meter Repair and Maintenance	1,060	-	1,060	-		Direct
Lift Station Repair	10,248	-	10,248	-		Direct
Contracted Services	44,000	-	44,000	-		Direct
<u>Administrative and General Expenses</u>						
Board of Directors Salaries	20,000	-	-	-	20,000	Direct
Office Salaries	111,122	-	-	51,116	60,006	Allocated
Contractual Services - Janitorial	5,000	-	-	-	5,000	Direct
Payroll Tax Expense	8,501	-	-	3,911	4,590	Allocated
Office Supplies	5,832	-	-	5,832	-	Direct
Legal Expense	45,000	-	-	-	45,000	Direct
Engineering Expense	50,000	-	-	-	50,000	Direct
Accounting Expense	40,000	-	-	-	40,000	Direct
Meter Reading Expense	9,468	-	-	9,468	-	Direct
Appraiser/Surveyor	5,000	-	-	-	5,000	Direct
Postage Expense	9,988	-	-	9,988	-	Direct
Telephone Expense	7,090	-	-	-	7,090	Direct
Printing Expense	3,367	-	-	3,367	-	Direct
Liability Insurance Expense	12,055	-	-	-	12,055	Direct
Utilities Expense	2,021	-	-	-	2,021	Direct
Office Equipment Repair Expense	865	-	-	-	865	Direct
Office Rent Expense	10,000	-	-	-	10,000	Direct
Bank and Recording Fees	2,925	-	-	2,925	-	Direct
Contingencies	70,000	-	-	-	70,000	Direct
Miscellaneous Expense	2,016	-	-	-	2,016	Direct
Total Operating and Maintenance Expense	<u>1,078,602</u>	<u>467,036</u>	<u>191,316</u>	<u>86,607</u>	<u>333,643</u>	
<u>Local Capital</u>						
Local Capital - Debt Service	119,455	-	-	-	119,455	Direct
Capital Improvements	15,000	-	15,000	-	-	Direct
Net Receipts	30,153	-	-	-	30,153	
Total Local Capital	<u>164,608</u>	<u>-</u>	<u>15,000</u>	<u>-</u>	<u>149,608</u>	
Less: Other Revenue						
Interest Revenue	(10,000)	(3,756)	(1,660)	(697)	(3,887)	Allocated
Special Benefits Tax Receipts	(322,000)	(120,966)	(53,437)	(22,432)	(125,165)	Allocated
Total Other Revenue	<u>(332,000)</u>	<u>(124,722)</u>	<u>(55,097)</u>	<u>(23,129)</u>	<u>(129,052)</u>	
Total Costs	<u>\$ 911,210</u>	<u>\$ 342,314</u>	<u>\$ 151,219</u>	<u>\$ 63,478</u>	<u>\$ 354,199</u>	

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Estimated User Charge
Operation and Maintenance ChargeOperation and Maintenance

Treatment Expenditures (Exhibit S)	\$342,314
Administrative Expenditures (Exhibit S)	<u>354,199</u>
Total Operations and Maintenance	696,513
Total Annual Equivalent Meters (Exhibit D)	<u>45,548</u>
Operations and Maintenance Charge Per Equivalent Meters	\$ 15.29
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit W)	<u>0.01</u>
Adjusted Operations and Maintenance Charge	<u>\$ 15.30</u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT
Merrillville, Indiana

Combined Service Area
Calculation of Estimated User Charges
Collection System Charge

Collection System

Total Collection System Expenditures (Exhibit S)	\$ 151,219
Total Annual Equivalent Meters (Exhibit D)	<u>45,548</u>
Collection System Charge per Equivalent Meters	\$ 3.32
Rounding Adjustment to Make Annual Revenues Equal to Cost of Service (Exhibit W)	<u>0.01</u>
Adjusted Collection System Charge per Equivalent Meters	<u><u>\$ 3.33</u></u>

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Calculation of Estimated User Charges
Billing and Collection Charge

Total Billing and Collection Expenditures (Exhibit S)	\$ 63,478
Annual Number of Bills (1)	<u>40,452</u>
Billing and Collection Charge	\$ 1.57
Rounding Adjustment to Make Annual Revenues Equal Cost of Service (Exhibit W)	<u>-</u>
Adjusted Billing and Collection Charge	<u>\$ 1.57</u>

- (1) Total number of customers (Exhibit D) 3,371 times 12 months is 40,452, which is the annual number of bills.

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area

Calculation of Estimated Annual Revenues at

Proposed User Charge Rates and Reconciliation of Costs of Service

<u>User Class</u>	<u>Number of Customers</u>	<u>Operation & Maintenance Per E.M. \$15.30</u>	<u>Collection System Per E.M. \$3.33</u>	<u>Billing & Collection Per Bill \$1.57</u>	<u>Total Annual Revenues</u>
<u>Residential/ Multi-Family</u>					
Minimum 5/8 inch	573	\$ 105,203	\$ 22,897	\$ 10,795	\$ 138,895
1 1/2 inch	9	9,547	2,078	170	11,795
Metered 5/8 inch	1,524	279,806	60,899	28,712	369,417
1 1/2 inch	35	37,087	8,072	659	45,818
Unmetered Multi-Family	728	133,661	29,091	13,716	176,468
Unmetered Residential	384	70,502	15,345	7,235	93,082
Total Residential/ Multi-Family	<u>3,253</u>	<u>635,806</u>	<u>138,382</u>	<u>61,287</u>	<u>835,475</u>
<u>Commercial</u>					
Minimum 5/8 inch	20	3,672	799	377	4,848
1 inch	12	5,633	1,226	226	7,085
1 1/2 inch	2	2,203	480	38	2,721
2 inch	3	5,692	1,239	57	6,988
Metered 5/8 inch	29	5,324	1,159	546	7,029
3/4 inch	2	551	120	38	709
1 inch	14	6,610	1,439	264	8,313
1 1/2 inch	7	7,528	1,638	132	9,298
2 inch	7	13,036	2,837	132	16,005
Unmetered	<u>22</u>	<u>10,832</u>	<u>2,358</u>	<u>414</u>	<u>13,604</u>
Total Commercial	<u>118</u>	<u>61,081</u>	<u>13,295</u>	<u>2,224</u>	<u>76,600</u>
Totals	<u>3,371</u>	<u>696,887</u>	<u>151,677</u>	<u>63,511</u>	<u>912,075</u>
Cost of Service (Exhibit S)		<u>696,513</u>	<u>151,219</u>	<u>63,478</u>	<u>911,210</u>
Difference		<u>\$ 374</u>	<u>\$ 458</u>	<u>\$ 33</u>	<u>\$ 865</u>
Percentage		<u>0.05%</u>	<u>0.30%</u>	<u>0.05%</u>	<u>0.09%</u>

PRELIMINARY DRAFT
EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Combined Service Area
Schedule of Proposed User Charges

<u>Meter</u>	<u>Equivalent Factor</u>	<u>Collection System Per Equivalent Meters</u>	<u>Billing & Collection Per Bill</u>	<u>Operation & Maintenance Per Equivalent Meters</u>	<u>Total Per Bill</u>
5/8 inch	1.00	\$ 3.33	\$ 1.57	\$ 15.30	\$ 20.20
3/4 inch	1.44	4.80	1.57	22.03	28.40
1 inch	2.56	8.52	1.57	39.17	49.26
1 1/2 inch	5.76	19.18	1.57	88.13	108.88
2 inch	10.24	34.10	1.57	156.67	192.34

PRELIMINARY DRAFT

EXHIBIT 7

INDEPENDENCE HILL CONSERVANCY DISTRICT

Merrillville, Indiana

Rate Comparison for Independence Hill, Lincoln and Combined Service Areas

	Independence Hill Service <u>Area</u>	Lincoln Service <u>Area</u>	Combined Service <u>Area</u>
Operation & Maintenance Charge per Equivalent Meters	\$10.53	\$19.76	\$15.30
Collection System Charge per Equivalent Meters	\$2.11	\$4.49	\$3.33
Billing and Collection Charge per Bill	<u>\$1.29</u>	<u>\$1.83</u>	<u>\$1.57</u>
Total Bill	<u><u>\$13.93</u></u>	<u><u>\$26.08</u></u>	<u><u>\$20.20</u></u>

PRELIMINARY DRAFT

EXHIBIT 7

1 of 1 Page Width

Find | Next

Prescribed by the Department of Local Government Finance
Approved by the State Board of Accounts

Budget Form No. 1

Budget Form 1 - Budget Estimate

Year: 2014 County: Lake Unit: Independence Hill Conservancy District

Fund	Department	Category	Sub-Category	Line Item Code	Line Item	Published	Adopted
0101 - GENERAL	NO DEPARTMENT	PERSONAL SERVICES	Salaries and Wages	111	BOARD OF DIRECTORS	\$29,000	\$29,000
0101 - GENERAL	NO DEPARTMENT	PERSONAL SERVICES	Salaries and Wages	112	EMPLOYEE SALARIES	\$255,000	\$255,000
0101 - GENERAL	NO DEPARTMENT	PERSONAL SERVICES	Employee Benefits	121	PAYROLL TAXES	\$24,000	\$24,000
0101 - GENERAL	NO DEPARTMENT	PERSONAL SERVICES	Employee Benefits	122	HEALTH INSURANCE	\$80,000	\$80,000
0101 - GENERAL	NO DEPARTMENT	SUPPLIES	Office Supplies	211	OFFICE SUPPLY	\$10,000	\$10,000
0101 - GENERAL	NO DEPARTMENT	SUPPLIES	Operating Supplies	221	OPERATING SUPPLIES	\$13,000	\$13,000
0101 - GENERAL	NO DEPARTMENT	SUPPLIES	Repair and Maintenance Supplies	231	REPAIR AND MAINTENANCE SUPPLY	\$12,000	\$12,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	311	LEGAL	\$100,000	\$100,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	312	ENGINEERING	\$100,000	\$100,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	313	ACCOUNTING	\$40,000	\$40,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	314	AUDIT	\$100	\$100
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	315	APPRAISER/SURVEY	\$100	\$100
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Communication and Transportation	321	POSTAGE	\$16,000	\$16,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Communication and Transportation	322	TELEPHONE	\$16,000	\$16,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Communication and Transportation	323	TRAVEL	\$400	\$400
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Communication and Transportation	324	ANSWERING SERVICE	\$1,100	\$1,100
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Printing and Advertising	331	LEGAL NOTICES	\$800	\$800
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Printing and Advertising	332	PRINTING	\$900	\$900
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Insurance	341	INSURANCE	\$26,000	\$26,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Utility Services	351	UTILITY SERVICE	\$28,000	\$28,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Repairs and Maintenance	361	OFFICE SUPPLY	\$3,500	\$3,500
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Repairs and Maintenance	362	SEWER SYSTEM REPAIR	\$150,000	\$150,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Repairs and Maintenance	363	LATERAL PROGRAM	\$100,000	\$100,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Repairs and Maintenance	364	CONTRACT SERVICE -RET. POND CLEANING	\$11,000	\$11,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Repairs and Maintenance	365	JANITORIAL	\$11,000	\$11,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Rentals	371	OFFICE RENTAL	\$23,000	\$23,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Rentals	372	STORAGE	\$300	\$300
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Other Services and Charges	391	CONTRACT SERVICES SEWAGE DISPOSAL	\$775,000	\$775,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Other Services and Charges	392	CONTINGENCIES	\$200,000	\$200,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Other Services and Charges	393	BANK & RECORDING FEES	\$4,000	\$4,000
0101 - GENERAL	NO DEPARTMENT	SERVICES AND CHARGES	Other Services and Charges	394	SUBSCRIPTIONS	\$500	\$500
0101 - GENERAL	NO DEPARTMENT	CAPITAL OUTLAYS	Machinery, Equipment, and Vehicles	441	MACHINERY	\$25,000	\$25,000
0101 - GENERAL	NO DEPARTMENT	CAPITAL OUTLAYS	Other Capital Outlays	451	OFFICE EQUIPMENT	\$10,000	\$10,000
0101 - GENERAL	NO DEPARTMENT	DEBT SERVICE	Payments on Bonds and Other Debt Principal	382	BOND PAYMENT	\$389,400	\$389,400
0101 - GENERAL Total						\$2,455,100	\$2,455,100
2393 - CUMULATIVE CONSERVANCY IMPROVEMENT	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	3100	LEGAL	\$15,000	\$15,000
2393 - CUMULATIVE CONSERVANCY IMPROVEMENT	NO DEPARTMENT	SERVICES AND CHARGES	Professional Services	312	ENGINEERING & INSPECTION	\$15,000	\$15,000
2393 - CUMULATIVE CONSERVANCY IMPROVEMENT	NO DEPARTMENT	CAPITAL OUTLAYS	Infrastructure	411	SEWER SYSTME IMPROVEMENTS	\$1,193,129	\$1,193,129

EXHIBIT 8

2393 - CUMULATIVE CONSERVANCY IMPROVEMENT Total	\$1,223,129	\$1,223,129
UNIT TOTAL	\$3,678,229	\$3,678,229

3/4/2014 8:08:31 AM

Page 1

Table 7.1 – Basic Monthly User Fee Rate [Effective Until 12/31/2013]

User Classification	Ratio	Rate A	Rate B	Rate Basis
Single family residence	1	21.74	11.00	Per building
Multiple family residence (apartment, duplex, quadplex, condominium, mobile home court, etc.)	3/4	16.30	8.30	Per dwelling unit
Retail establishment, professional office, governmental office or facility, bank, utility, and any similar establishment	1	21.74	11.00	For the first 3 employees, plus
	1/4	5.43	2.70	Per additional employee
Gasoline service station	1-3/5	34.78	17.60	Per building without car wash facilities, or
	2-2/5	52.17	26.40	Per building with car wash facilities
Nursing home, hospital, and other residential health care facility	1/3	7.24	3.55	Per patient bed
School	1/26	0.83	0.43	Per enrolled pupil, including summer months
Church, other religious organization, lodge, veteran's organization – without eating and/or drinking facilities	1	21.74	11.00	Per 200 members or fraction thereof
Shop in residence, beauty shop, barber shop, and other shop in conjunction with a residence	2	43.48	22.00	Per building
Hotel, motel, rooming house, and any similar establishment – without eating and/or drinking facilities	1/3	7.24	3.55	Per room, but at least
	1/8	2.71	1.35	Per bed
Laundromat	3/4	16.30	6.80	Per washer
Restaurant, cafeteria, and any organization with eating and/or drinking facilities	1	21.74	8.30	For the first 2 employees, plus
	1/3	7.24	3.55	Per additional employee

(Res. 94-6, 6/1/94)

Table 7.3(2014) – Basic Monthly User Fee Rates Effective January 1, 2014

User Classification	Ratio	Rate A	Rate B	Rate Basis
METERED RATES	N/A	3.30	2.21	Per thousand gallons
UNMETERED RATES				
Single family residence	1	19.59	13.15	Per building
Multiple family residence (apartment, duplex, quadplex, condominium, mobile home court, etc.)	1/4	14.70	9.90	Per dwelling unit
Retail establishment, professional office, governmental office or facility, bank, utility, and any similar establishment	1	19.59	13.15	For the first 3 employees, plus
	1/4	4.88	3.25	Per additional employee
Gasoline service station	1-3/5	31.34	21.04	Per building without car wash facilities, or
	2-2/5	47.02	31.55	Per building with car wash facilities
Nursing home, hospital, and other residential health care facility	1/3	6.50	4.29	Per patient bed
School	1/26	0.75	0.51	Per enrolled pupil, including summer months
Church, other religious organization, lodge, veteran's organization – without eating and/or drinking facilities	1	19.59	13.15	Per 200 members or fraction thereof
Shop in residence, beauty shop, barber shop, and other shop in conjunction with a residence	2	39.18	26.30	Per building
Hotel, motel, rooming house, and any similar establishment – without eating and/or drinking facilities	1/3	6.50	4.29	Per room, but at least
	1/8	2.44	1.62	Per bed
Laundromat	3/4	14.40	8.70	Per washer
Restaurant, cafeteria, and any organization with eating and/or drinking facilities	1	19.05	10.99	For the first 2 employees, plus
	1/3	6.50	4.29	Per additional employee

(Res. 2013-3 § 8, 11/4/2013)

Table 7.3(2015) – Basic Monthly User Fee Rates Effective January 1, 2015

User Classification	Ratio	Rate	Rate Basis
METERED RATE	N/A	2.76	Per thousand gallons
UNMETERED RATES			
Single family residence	1	16.37	Per building
Multiple family residence (apartment, duplex, quad-plex, condominium, mobile home court, etc.)	3/4	12.30	Per dwelling unit
Retail establishment, professional office, governmental office or facility, bank, utility, and any similar establishment	1	16.37	For the first 3 employees, plus
	1/4	4.07	Per additional employee
Gasoline service station	1-3/5	26.19	Per building without car wash facilities, or
	2-2/5	39.29	Per building with car wash facilities
Nursing home, hospital, and other residential health care facility	1/3	5.40	Per patient bed
School	1/26	0.63	Per enrolled pupil, including summer months
Church, other religious organization, lodge, veteran's organization – without eating and/or drinking facilities	1	16.37	Per 200 members or fraction thereof
Shop in residence, beauty shop, barber shop, and other shop in conjunction with a residence	2	32.74	Per building
Hotel, motel, rooming house, and any similar establishment – without eating and/or drinking facilities	1/3	5.40	Per room, but at least
	1/8	2.03	Per bed
Laundromat	3/4	11.55	Per washer
Restaurant, cafeteria, and any organization with eating and/or drinking facilities	1	15.02	For the first 2 employees, plus
	1/3	5.40	Per additional employee

(Res. 2013-3 § 8, 11/4/2013)

Lake Station

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

FEB 14 2014

REPLY TO THE ATTENTION OF:

WC-15J

CERTIFIED MAIL 7009 1680 0000 7675 1667
RETURN RECEIPT REQUESTED

Dwayne M. Polarek
Sewer Department Supervisor
Sewer and Water Department
City of Lake Station
1969 Central Avenue
Lake Station, IN 46405

Subject: Wet Weather/Sanitary Sewer System Information Request
Issued pursuant to Section 308(a) of the Clean Water Act, 33 U.S.C. § 1318(a)
Docket No. V-W-14-308-14

Dear Mr. Polarek:

Protecting water quality is a high priority of the U.S. Environmental Protection Agency. Pollutants such as bacteria discharged to waterways from sewer overflows contribute to poor water quality and impairment of uses of those waterways. As authorized by the Clean Water Act (CWA), the National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

The Indiana Department of Environmental Management (IDEM) issued permit number IN0022977 to the Gary Sanitary District. The permit authorizes discharges to waters of the United States in accordance with effluent limitations, monitoring requirements and other conditions set forth in the permit. The enclosed Information Request seeks information related to the operation and maintenance of the portion of Lake Station's sewer collection system that collects and conveys sewage ultimately destined for the Gary Sanitary District Wastewater Treatment Plant including information about sewer overflows that may have left the collection system prior to receiving required treatment.

EPA is authorized under Section 308(a) of the CWA, 33 U.S.C. § 1318(a), to require reports and other information necessary to carry out the purpose of the CWA. Accordingly, pursuant to Section 308(a) of the CWA, you are directed to provide EPA with the information requested in the enclosure.

In accordance with Section V, Paragraph 2 of the Information Request, you must include with your response a statement certifying that all information you submit is true and accurate to the best of your knowledge and belief using the certification language provided in that paragraph. Any questions that do not directly relate to your municipality's sanitary sewer system operations can be addressed with "not applicable" and a brief explanation.

Please exercise care to assure that responses are complete and accurate because Section 309(c)(2) of the CWA, 33 U.S.C. § 1319(c)(2), imposes criminal penalties where false information is knowingly provided to EPA.

You must submit a written response, with the information requested in the enclosure, within 30 days of receipt of this request to:

Water Enforcement and Compliance Assurance Branch (WC-15J)
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604
Attention: Jennifer Welch, Environmental Engineer

Thank you for your cooperation in this matter. If you have any questions about this request for information, please contact Jennifer Welch of my staff, at (312) 353-4628, or via email at welch.jennifer@epa.gov.

Sincerely,



for Tinka G. Hyde
Director, Water Division

Enclosure

cc: Mark Stanifer, IDEM, w/enclosure

bcc: James Coleman w/enclosure
308 file w/enclosure
J. Welch w/enclosure (via email)
W. Jones w/enclosure (via email)
M. Koller w/enclosure (via email)

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

IN THE MATTER OF:

City of Lake Station
Lake Station, Indiana

) Docket No. V-W-14-308-14
)
)
)
)
)
) Proceeding under Section 308(a) of
) the Clean Water Act, as amended,
) 33 U.S.C. § 1318(a)
)

INFORMATION REQUEST

I. STATUTORY AUTHORITY

The U.S. Environmental Protection Agency is issuing this Information Request to the City of Lake Station (You) pursuant to the authority vested in the Administrator of EPA by Section 308(a) of the Clean Water Act (CWA), 33 U.S.C. § 1318(a). The Administrator has delegated this authority to the Regional Administrator of EPA, Region 5, who has re-delegated this authority to the Director of the Water Division, EPA Region 5.

II. INSTRUCTIONS

1. You must respond to this Information Request within 30 calendar days of its receipt by You. Submission instructions are in Section V of this Information Request.
2. You must respond separately to each of the requests. Where a "yes" or "no" answer is requested, You may provide additional information, if desired. Precede each answer with the number of the request to which it corresponds. For each document produced in response to this Information Request, indicate on the document, or in some other reasonable manner, the number of the request to which it corresponds.
3. If You do not have documents responsive to a particular request, state in your written response that You do not have responsive documents.
4. You must keep the reports and all records reviewed or generated in the course of responding to this Information Request until EPA informs You in writing that You are no longer required to keep the reports and records, or for three years, whichever is sooner.

III. DEFINITIONS

1. "Backup" or "Building/Property Backup" shall mean any release of wastewater to public or private property that is caused by Blockages or other conditions in the Sanitary Sewer System. Such releases can include, but are not limited to, those that occur in basements.
2. "Blockage" shall mean the partial or complete interruption of flow as a result of some obstruction in any portion of the Sanitary Sewer System.
3. "Bypass," as defined by 40 C.F.R. § 122.41(m), shall mean the intentional diversion of waste streams from any portion of a treatment facility.
4. "Collection System" shall mean all portions of your sewer system that collect and convey sanitary and/or combined sewage ultimately destined for treatment to the Gary Sanitary District WWTP. The Collection System, for purposes of this Information Request, does not refer to a separate storm sewer system.
5. "Combined Sewer System" shall mean all portions of your sewer system designed to convey municipal sewage (domestic, commercial, and industrial wastewater) and stormwater through a single-pipe system to the wastewater treatment plant or to combined sewer outfalls.
6. "Day" or "days" shall mean a calendar day or calendar days. In computing any period of time under this Information Request, where the last day would fall on a Saturday, Sunday, or federal or state holiday, the period shall run until the close of the next business day.
7. "Force Main" shall mean any pipe that carries wastewater under pressure from the discharge side of a pump to a point of gravity flow downstream.
8. "Gravity Sewer" shall mean a pipe that receives, contains, and conveys wastewater that is not normally under pressure and is intended to flow unassisted under the influence of gravity.
9. "Infiltration" shall mean water, other than wastewater, that enters your Sanitary Sewer System (including sewer service connections) from the ground through such means as defective pipes, pipe joints, connections, or manholes.
10. "Inflow" shall mean water, other than wastewater, that enters your Sanitary Sewer System from sources such as, but not limited to, roof leaders, cellar drains, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm sewers and sanitary sewers, catch basins, cooling towers, stormwater, surface runoff, street wash waters, or drainage.
11. "I/I" shall mean the total quantity of water from Infiltration and Inflow without distinguishing the source.

12. "Private Lateral" shall mean that portion of the Sanitary Sewer System, not owned by You, used to convey wastewater from a building or buildings to that portion of the Sanitary Sewer System owned by You.
13. "Pump Station" shall mean facilities comprised of pumps or other equipment that lift wastewater to a higher hydraulic elevation, including all related electrical, mechanical, and structural systems necessary to the operation of that pumping station.
14. "Record" or "records" shall mean any recording of information in tangible form. It includes, but is not limited to, documents, memoranda, reports, letters, maps, graphs, charts, log books, notes, emails, computer files, computer printouts, and computer databases.
15. "Sanitary Sewer Overflow" or "SSO" shall mean an overflow, spill, diversion, or release of wastewater from or caused by your Sanitary Sewer System. This term shall include: (i) discharges to waters of the United States from the Sanitary Sewer System; and (ii) any release of wastewater from the Sanitary Sewer System to public or private property that does not reach waters of the United States, including Backups.
16. "Sanitary Sewer System" shall mean all portions of your sewer system (including all pipes, Force Mains, Gravity Sewer segments, overflow structures, regulators, Pump Stations, manholes, and components thereof), designed and constructed to collect and convey only sewage, and not storm water, from residences, commercial buildings, industrial plants, and institutions for treatment at the Gary Sanitary District WWTP.
17. "Satellite Sewer System" shall mean a sewer Collection System that collects wastewaters from a legal entity other than You and delivers these wastewaters to your receiving sewer(s) or interceptor(s). Legal entities can include unincorporated areas. The Satellite Sewer System often, but not always, depends on a downstream authority for the treatment of these transferred wastewaters.
18. "Wastewater Treatment Plant" or "WWTP" shall mean the wastewater treatment plant operated by Gary Sanitary District, National Pollutant Discharge Elimination System (NPDES) Permit Number IN0022977, and located at 3600 West Third Avenue, Gary, Indiana and all components of such sewage treatment plant.
19. "You" for purposes of this Information Request refers to the City of Lake Station and to any agents, employees, contractors, or other entities that performed work or acted in any way on behalf of, or at the direction of, the City of Lake Station.

IV. REQUESTS

General Information

1. Provide the name and address of the location(s) where You maintain records relative to the operation and maintenance (O&M) of your Sanitary Sewer System.
2. Provide the name and title of the primary contact person(s) responsible for Sanitary Sewer System collection and maintenance. Also provide telephone, fax, and email contact information for such person(s).
3. Provide the following documents:
 - a. The latest NPDES permit(s), if applicable, issued to You for the WWTP/Sanitary Sewer System and storm sewer system, including modifications, the associated permit application, and certificate of coverage
 - b. A map of the service area for your Sanitary Sewer System that identifies the following information:
 - i. Delineation of separate and combined sewer areas, if applicable
 - ii. Delineation of different WWTP service areas, if applicable (e.g., areas served by Gary Sanitary District (GSD) WWTP); areas served by another wastewater treatment facility)
 - iii. Delineation of separate storm sewer areas, if applicable
 - iv. Locations of SSOs reported in Question 27, chronic street flooding areas reported in Question 18, and chronic Backup areas reported in Question 39 (can be hand-written/drawn on map)
 - v. Location of all permitted and/or non-permitted outfalls for your Sanitary Sewer System and for your Combined Sewer System(s)
 - c. Geographic Information Systems (GIS) shapefiles representing the following:
 - i. Collection System service area
 - ii. Current municipal boundaries
 - iii. Sanitary Sewer System pipes
 - d. Your most recent sewer use ordinance (SUO)
 - e. Your most recent annual report for your municipal separate storm sewer system (MS4) or the name and address of the MS4 entity operating your storm sewers
 - f. Current contract agreement with GSD that identifies the costs for which You are responsible and the services that GSD provides

- g. Your most recent Comprehensive Annual Financial Report (CAFR) or similar financial statement that includes data on your most recent annual wastewater revenue and costs; identify in the CAFR or other financial statement where You record the costs paid to GSD
- h. Your most recent rate study for wastewater activity and Sanitary Sewer System use
- i. Provide your budget for the wastewater activity for the current year including proposed wastewater system capital improvements.

Service Area and Service Connections

4. Provide the following information for your Sanitary Sewer System:

- a. Service area (in square miles) _____
- b. Population served _____
- c. System inventory _____

Miles of Gravity Sewer	Miles of Force Main	Number of Pump Stations

d. Number of service connections:

Residential	_____	Commercial	_____
Industrial	_____	Total	_____

e. Number of households served by your Collection System: _____

f. Number of commercial service connections that include residential households (i.e., households in multi-family/apartment/condominium buildings treated as a single commercial service connection or account by You): _____

g. Number of multi-household residential service connections: _____

5. Identify the percent of your wastewater flow conveyed to and treated at GSD WWTP that is generated by residential users.

6. Identify the percent of your wastewater conveyed to and treated at GSD WWTP that is generated by industrial users.

7. Is all of the wastewater flow generated by your Collection System users conveyed to and treated at GSD WWTP?

Yes _____ No _____

8. If wastewater is conveyed to and treated at any other WWTP in addition to GSD WWTP, provide the following information:
- Name, location, and NPDES Permit Number of all other WWTPs to which You convey wastewater through your Collection System for treatment
 - Breakdown by percentage of your total wastewater flow conveyed to and treated at GSD WWTP and all other WWTPs
 - Breakdown of the number of households within the community that contribute to the wastewater flow conveyed to and treated at GSD WWTP and all other WWTPs
 - Breakdown by percentage of your total wastewater costs (e.g., annual O&M, depreciation, debt service, etc.) that can be attributed to each of the WWTPs to which You convey wastewater through your Collection System for treatment
9. Provide actual flows experienced for the previous 12 months expressed in million gallons per day (MGD). Cite the source/basis or calculation method from which You obtained these values (e.g., wastewater or drinking water flow meters, billing statements, etc.).

	Average Daily Wastewater Flow (MGD)	Source/Basis (<i>or calculation method</i>) of Average Daily Wastewater Flow Values	Average Daily Water Consumption (MGD)	Source (<i>or calculation method</i>) of Average Daily Water Consumption Values
Residential				
Commercial				
Industrial				
Other				
Total				

10. Do You make any adjustments to billing for wastewater services (e.g., averaging of winter month water use to remove impact of water for outside use in summer months)?

Yes _____ No _____

If yes, describe the adjustments made.

11. Is a portion of the Collection System a Combined Sewer System?

Yes _____ No _____

a. If yes, what percent of the Collection System is combined? _____

b. On what is this percentage based (e.g, flow, area, size/length of pipe, etc.)?

Collection System Infrastructure and Capacity

12. Provide infrastructure age distribution estimates for the Collection System.

Age	Gravity Sewer, miles	Force Mains, miles or feet	Number of Pump Stations
0 - 25 years			
26 - 50 years			
51 - 75 years			
> 76 years			

13. Provide pipe size distribution estimates for the Collection System.

Diameter in inches	Gravity Sewer, miles	Force Mains, miles or feet
8 inches or less		
9 - 18 inches		
19 - 36 inches		
> 36 inches		

14. Indicate or describe a property owner's responsibility for maintenance and repair of Private Laterals (check one):

- a. At main line connection only _____
 - b. From main line to property line or easement/cleanout _____
 - c. Beyond property line/cleanout _____
 - d. Other _____
- Explain _____

15. Describe any atypical local conditions that may increase the complexity or difficulty of the design, construction, operation, and maintenance of the Collection System.

16. Describe the process or procedures that You use to determine whether the capacity of the existing Sanitary Sewer System are adequate for new connections.

17. Identify whether You do the following to determine if the capacity of the existing Sanitary Sewer System is adequate for new connections.

- a. Is flow metering performed prior to allowing new connections?
Yes ____ No ____
- b. Do You use a hydraulic model of the Sanitary Sewer System to predict the effects of new connections?
Yes ____ No ____
- c. Do You require written certification by a licensed professional engineer indicating that the Sanitary Sewer System has been determined to have adequate capacity to accommodate flow from new connections?

Yes _____ No _____

18. Are there portions of the Collection System service areas that have experienced street flooding, with sewage as a component, in the past five years?

Yes _____ No _____

If yes, describe and list all areas that experience chronic street flooding.

Satellite Sewer Systems/Sewer Use Ordinance

19. Does the Collection System receive flow from Satellite Sewer System communities?

Yes _____ No _____

If yes, complete the following chart. If additional room is needed, continue on last page or attach a separate table.

Satellite Community Name	% Flow Contributed	Primary Contact Name and Contact Information (address, phone, email) for Satellite

20. Do Satellite Sewer System communities enter into written agreements for wastewater services (contracts, charters, court orders, etc.) with You?

Yes _____ No _____

If yes, please answer the following questions listed below:

a. Do the agreements have a date of termination?

Yes _____ No _____

If yes, under what conditions are such agreements renewed?

- b. Do the agreements extend the requirements of the SUO to the Satellite Sewer System communities?
Yes _____ No _____
- c. Does the SUO clearly include standards, inspections, and approval for new connections?
Yes _____ No _____
- d. Does the SUO require Satellite Sewer System communities to adopt the same standards, inspection and sampling schedules as You for new connections?
Yes _____ No _____
- e. Does the SUO require Satellite Sewer System communities to adopt the same standards, inspection and sampling schedules as You for pretreatment inspections?
Yes _____ No _____
- f. Do You maintain the legal authority to control the maximum flow introduced into the Collection System from Satellite Sewer System communities?
Yes _____ No _____
- g. Is flow metered at locations where flow from the Satellite Sewer System communities directly enters your Collection System?
Yes _____ No _____
- h. Do You charge Satellite Sewer System communities based on metered flow?
Yes _____ No _____

If yes, identify the specific rate structure in place.

If no, describe how You charge Satellite Sewer System communities for connection to your Collection System.

- i. Do You have the authority to surcharge Satellite Sewer System communities for excessive flows (i.e., for excessive I/I)?
Yes _____ No _____
 - j. Have You exercised your authority to surcharge Satellite Sewer System communities for excessive flows (i.e., for excessive I/I)?
Yes _____ No _____
21. If yes, identify the Satellite Sewer System communities for which You took this action, when You took the action, and describe the action You took. If no, explain why You did not exercise the authority to surcharge for excessive flows. Indicate whether the SUO contains procedures for the following:

- a. Inspection standards Yes _____ No _____

- | | | |
|---------------------------------|-----------|----------|
| b. Pretreatment requirements | Yes _____ | No _____ |
| c. Building/sewer permit issues | Yes _____ | No _____ |
| d. Inflow prohibition | Yes _____ | No _____ |

22. Indicate whether the SUO contains procedures and enforcement authority to control the following:

- | | | |
|--|-----------|----------|
| a. Fats, oils, and grease | Yes _____ | No _____ |
| b. I/I | Yes _____ | No _____ |
| c. Building structures over the sewer lines | Yes _____ | No _____ |
| d. Storm water connections to sanitary lines | Yes _____ | No _____ |
| e. Defects in Private Laterals | Yes _____ | No _____ |
| f. Sump pump or air conditioner discharge | Yes _____ | No _____ |

Force Mains

23. Identify the total number of Force Main failures that have occurred in the last five years.

24. Provide a description of the cause(s) of each Force Main failure that has occurred in the last five years.

25. Describe the techniques/approaches You use to monitor the Force Main.

Pump Stations

26. Provide the following information related to Pump Stations in your Collection System:

- | | |
|--|-------|
| a. Total number of Pump Stations in the Collection System | _____ |
| b. Number of Pump Stations with on-site pump capacity redundancy | _____ |
| c. Number of Pump Stations with dry weather capacity limitations | _____ |
| d. Number of Pump Stations with wet weather capacity limitations | _____ |
| e. Number of Pump Station failures resulting in SSOs, or Backups, in the last five years | _____ |
| f. Number of Pump Stations fed with electrical power from at least two independent electrical power grid feeds | _____ |
| g. Number of Pump Stations with permanently installed backup power generators onsite that automatically activate when supplied power is interrupted | _____ |
| h. Number of Pump Stations with backup power capability, but only with portable generators to be brought to the Pump Station site from other locations | _____ |

- i. Number of Pump Stations with "pump around" capability (i.e., where Pump Station wet well can be evacuated and pumped with portable pump to nearby downstream Sanitary Sewer System manhole) _____
- j. Number of Pump Stations where conditions are monitored remotely and that trigger an alarm at a central monitoring location (e.g., at the WWTP or central public works center) _____

Sanitary Sewer Overflows

27. Describe each SSO that has occurred in the Collection System within the last five years. Include the following information for each SSO (create a supplemental table as necessary to list the data below):

- a. Date of the SSO
- b. Location of the SSO
- c. Estimated volume of the SSO (in gallons or million gallons (MG))
- d. Cause of the SSO
- e. How You determined that the SSO occurred
- f. Depth of precipitation (in inches) received (if any) contributing to the SSO
- g. Peak WWTP flow (in MGD) on the day that the SSO occurred
- h. Disposition of the SSO (i.e., did the release reach a waterway, flow to storm sewer, paved areas, etc.)
- i. Actions taken to mitigate the SSO
- j. Whether or not You reported the SSO to the state environmental agency
- k. How soon after the SSO You reported it
- l. Whether any samples of the SSO discharge were collected and analyzed

28. Identify the number of SSOs that originated from each of the following sources in the last five years:

- a. Manholes _____
- b. Pump Stations _____
- c. Main and trunk sewers _____
- d. Lateral and branch sewers _____
- e. Structural Bypasses or relief points _____
- f. Force Mains _____
- g. Other, explain: _____

29. Identify the volume of SSOs expressed in gallons or MG from each of the following sources in the last five years:

- a. Pump Stations _____
- b. Force Mains _____
- c. Manholes _____
- d. Other, explain: _____

30. Identify the number of SSOs caused by the following in the last five years:

- a. Debris buildup _____
- b. Collapsed pipe _____
- c. Root intrusion _____
- d. Capacity limitations _____
- e. Excessive I/I _____
- f. Fats, oil, and grease _____
- g. Vandalism _____
- h. Power interruption and/or lack of backup power source _____
- i. Mechanical or electronic failure _____
- j. Pump failure and/or lack of backup (or duplex) pumps _____
- k. Other, explain: _____

31. For the SSOs to waterways that are identified in response to Question 27, how many were to surface waters that could affect:

- a. Primary contact recreation (swimming, bathing, waterskiing, etc.) _____
- b. Shellfish growing areas _____
- c. Drinking water sources _____

32. What equipment is available to You for responding to SSOs?

33. Describe how You monitor SSO occurrence and frequency.

34. Identify whether You have developed and adopted written procedures or instructions for the following:

- | | | |
|--|-----------|----------|
| a. Identifying SSOs | Yes _____ | No _____ |
| b. Emergency response for SSOs | Yes _____ | No _____ |
| c. Reporting all SSOs to the state regardless of size | Yes _____ | No _____ |
| d. Containment or cleanup to mitigate the effect of SSOs | Yes _____ | No _____ |
| e. Problem evaluation and resolution | Yes _____ | No _____ |

35. Describe your procedure for reporting SSOs to the state environmental agency.

Backups

36. Describe how You document the occurrence of, and response to, Backups.

37. Indicate the month and year when You began to document Backups: _____

38. Provide a description of each Backup that has occurred within the last five years. Include the following information for each Backup (create a supplemental table as necessary to list the data below):

- a. Date of the Backup
- b. Location of the Backup
- c. Cause of the Backup
- d. Weather conditions during the Backup. If excessive rainfall contributed to the Backup, please list the rainfall amount and the duration of the rainfall event(s)
- e. Methods used to remove the Backup water from the property and disposition of Backup water (i.e., was the property owner's accumulated Backup pumped out of the residence to a street storm sewer drain; relieved to a sanitary cleanout or sanitary drain; transported to the plant for treatment; vacuumed and hauled away; etc.)
- f. Actions taken to mitigate the Backup
- g. Time to clear or fix the Backup
- h. Whether or not the Backup was reported to the state environmental agency and how soon after the Backup this was done
- i. List the measures used to mitigate the environmental harm caused by the Backup water removal, if that water was untreated
- j. Responsible party (e.g., private property owner or You)
- k. Whether or not a damage claim was filed and dollar value of the claim

39. Are there portions of the Collection System that have chronic problems with Backups?

Yes _____ No _____

If yes, list and describe each area and the reasons for chronic Backups in that area.

Blockages

40. Describe how You document the occurrence of, and response to, Blockages.

41. Provide the following information related to Blockages that have occurred in your Collection System in each year for the last five years:

- a. Number of Blockages for each year
- b. Average time to clear a Blockage (minutes)
- c. Number of Blockages resulting in SSOs and/or Backups for each year
- d. Total volume of SSOs (gallons or MG) that resulted from Blockages for each year

Infiltration and Inflow

42. Provide the following information for I/I in the Sanitary Sewer System:

- a. Have You done an assessment to determine the extent of I/I?
Yes _____ No _____ If yes, when? _____ (mo/yr)
- b. Has it been demonstrated that it is more cost effective to eliminate rather than treat I/I?
Yes _____ No _____

c. Have You performed a sewer system evaluation study (SSES), as defined in the U.S. EPA Handbook for Sewer System Evaluation and Rehabilitation (December 1975)?
Yes _____ No _____ If yes, when? _____ (mo/yr)

d. Have rehabilitation projects been prioritized for correcting I/I problems?
Yes _____ No _____

If yes, how far has the I/I elimination program progressed?

e. Do You or any of your Satellite Sewer System communities have a private source I/I reduction program?
Yes _____ No _____

If yes, describe the program.

Operation and Maintenance

43. Provide a list of all major improvements to the Sanitary Sewer Collection System in the last five years. Include proposed future capital improvement projects.

44. Have You developed a capacity, management, operation, and maintenance (CMOM) program, as defined in the U.S. EPA Guide for Evaluating Capacity, Management, Operation, and Maintenance (CMOM) Programs at Sanitary Sewer Collection Systems (January 2005)?
Yes _____ No _____ If yes, when? _____ (mo/yr)

45. Describe the operation and maintenance (O&M) procedures You have in place to locate and eliminate problems in Your Collection System that would cause or contribute to SSOs and Backups. These procedures can include, but are not limited to, grease control, root control, sewer cleaning, I/I evaluation, problem area targeting, downspout disconnection program, etc.

46. Indicate whether You have developed and adopted written procedures or instructions for the following:

a. Collection system maintenance	Yes _____ No _____
b. Collection system capacity management	Yes _____ No _____

47. Do You have a long-range wastewater Capital Improvement Project (CIP) Plan for sewer system rehabilitation, replacement, and expansion?
Yes _____ No _____

If yes, over what time horizon (e.g., five years, 10 years, etc.)? _____

48. Describe how You strive to ensure the long-term viability of your Collection System.

49. Does the Sanitary Sewer System experience chronic O&M problems that are attributed to design problems?

Yes _____ No _____

If yes, provide a brief explanation.

50. Does the Sanitary Sewer System experience chronic O&M problems that are the result of construction issues in the system?

Yes _____ No _____

If yes, provide a brief explanation.

51. Do You physically inspect all Sanitary Sewer System manholes on a defined frequency?

Yes _____ No _____

If yes, on what frequency: every _____ months (e.g., every 36 months)

52. List the frequency of cleaning sewers and manhole basins for the following:

a. Largest sewers: every _____ months (e.g., every 36 months)

b. Smaller sewers: every _____ months

53. Do You conduct internal smoke testing to evaluate the condition of the Collection System?

Yes _____ No _____

If yes, on what frequency? Every _____ months (e.g., every 36 months)

54. When did You last perform smoke testing of the Collection System, in what area, and for what reason?

55. Has the Collection System experienced corrosion problems in the last five years?

Yes _____ No _____

If yes, describe the location where these occurred and if these areas are chronic problem areas.

56. Do You have a corrosion control program in place?

Yes _____ No _____

If yes, what has been the preferred treatment or prevention program selected or implemented?

57. Do You televisize the sewers to evaluate the condition of the Collection System?

Yes _____ No _____

58. Do You operate an industrial pretreatment program approved by EPA or the State?

Yes _____ No _____

Customer Complaints

59. Describe how You receive, document, and respond to customer complaints regarding the Sanitary Sewer System.

60. Provide the following information related to Sanitary Sewer System user complaints:

- a. Number of user complaints received each year for the last five years
- b. Number of user complaints received each year for the last five years that were your responsibility
- c. Number of claims received and damages paid each year for the last five years
- d. Number of claims received for damages that were denied each year for the last five years

61. Provide the number of public health or other warnings You issued that were attributed to wastewater each year for the last five years and the dates of each such warning.

Financial Information

62. Provide the following information related to customer billing for use of your Sanitary Sewer System:

- a. Current rate schedule for residential customers
- b. Average annual bill for the typical residential household for each year for the last five years
- c. Whether the residential rate is based on water consumption, a flat rate, or a combination of both water consumption and flat rate
- d. Volume of water assumed to be used per household if residential rate based on a flat rate, whether entirely or partially
- e. Month and year when the last wastewater and/or Sanitary Sewer System related customer rate increase occurred
- f. History of rate increases for the past 10 years
- g. Process by which rate increases are approved (i.e., unilaterally by the public works department/wastewater or water utility/city/village; elected official(s) approval; voter referendum; etc.)
- h. Process by which customers of Sanitary Sewer System are billed (i.e., which department; by You or by GSD)

63. Provide the following information related to the revenue received from Sanitary Sewer System user charges:

- a. Total annual revenue received for each year for the last five years
- b. Percent of total annual revenue received used for long-term debt for each year for the last five years

- c. Percent of total annual revenue used for collection and conveyance of wastewater for each year for the last five years
64. Provide the following information related to the revenue received from other sources (e.g., property tax, tap-in fees, etc.) used for O&M of your Sanitary Sewer System:
- a. Total annual revenue received for each year for the last five years
 - b. Percent of total annual revenue used for long-term debt for each year for the last five years
 - c. Percent of total annual revenue used for collection and conveyance of wastewater for each year for the last five years
65. Provide your budget for the wastewater activity for the current year including proposed wastewater system capital improvements.
66. Provide the following fiscal information related to your Collection System for the most recent service year (identify which months You consider your service year):
- a. O&M expenditure for your Collection System
 - b. Annual depreciation for your Collection System
 - c. Annual debt service (principal plus interest) for your Collection System
67. Provide the total annual cost paid to GSD for wastewater related services for service years 2012 and 2013.
68. Identify how You bill customers in your Sanitary Sewer System service area for stormwater collection and management (e.g., separate stormwater utility fee, incorporation into sewer or wastewater bill, etc.).
69. If You utilize a stormwater utility fee or any other user fee that is different from the sewer or wastewater user charge, do You factor in acreage and permeability into the stormwater fee or bill?
- If yes, please describe.
70. Do You recover all or a portion of the costs associated with the O&M of your storm sewer system from the user fees You collect from customers for wastewater related services?
- If yes, what percentage? If less than 100%, indicated from where else You recover your storm sewer system O&M costs.
71. Are there portions of your Sanitary Sewer System service area that are not served by separate storm sewers?

If yes, please describe.

V. SUBMITTALS

1. Please submit your response to this Information Request within 30 days of your receipt of the Information Request to:


Water Enforcement and Compliance Assurance Branch (WC-15J)
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604-3590
Attention: Jennifer Welch, Environmental Engineer

2. You must submit all requested information under an authorized signature with the following certification:

I certify under penalty of law that this response and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

3. If You find at any time after submitting information to EPA that any portion of the submittal is false or incorrect, You must notify EPA immediately. Knowing submittal of false information to EPA in response to this Information Request may subject You to criminal prosecution under Section 309(c) of the CWA, 33 U.S.C. § 1319(c), and 18 U.S.C. §§ 1001 and 1341.
4. You may not withhold information because You claim it is confidential. However, pursuant to 40 C.F.R. Part 2, Subpart B, You may assert a claim of business confidentiality regarding any portion of the information submitted in response to this Information Request, as provided in 40 C.F.R. § 2.302(a)(2). The regulations provide that a person may assert a business confidentiality claim covering part or all of the information furnished to EPA when that person submits the information. The manner of asserting such claims is specified in 40 C.F.R. § 2.203(b). Effluent data (as defined in 40 C.F.R. § 2.302(A)(2)) and information in NPDES permit applications is not entitled to confidential treatment. 40 C.F.R. § 122.7. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth in 40 C.F.R. Part 2, Subpart B. If You do not assert a claim of business confidentiality when You submit the information, EPA may make the information available to the public without further notice.
5. This Information Request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

6. EPA may use the information submitted in response to this Information Request in an administrative, civil or criminal action.
7. Neither the issuance of this Information Request by EPA nor your compliance with this Information Request relieves You of liability for any penalty, fine, remedy or sanction authorized to be imposed pursuant to Section 309(b), (c), (d), or (g) of the CWA, 33 U.S.C. § 1319(b), (c), (d), or (g), including but not limited to those related to any violations addressed by this Information Request. EPA specifically reserves the right to seek any of the remedies specified in Section 309(b), (c), (d), or (g) of the CWA, 33 U.S.C. § 1319(b), (c), (d), or (g).
8. There can be significant civil or criminal penalties for failing to adequately respond to requests for information issued under the Section 308(a) of the CWA, 33 U.S.C. § 1318(a).
9. Please contact Jennifer Welch of my staff by telephone at (312) 353-4628, or via email at welch.jennifer@epa.gov, if You have any questions about this Information Request.


Tinka G. Hyde
Director, Water Division
U.S. Environmental Protection Agency, Region 5

2/14/14
Date



Sewer and Water Department
1969 Central Ave.
Lake Station, IN 46405
Phone: (219)962-8511 Fax: (219)962-5769

Water Enforcement and Compliance Assurance Branch (WC-15J)
U.S. Environmental Protection Agency, Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604
Attention: Jennifer Welch, Environmental Engineer

Subject: Response to Docket No. V-W-14-308-14, Wet Weather/Sanitary Sewer System Request For Information

The numbers of the responses correspond to the numbers in the RFI, Section IV. The Exhibits submitted with and as a part of this response are numbered according to the number of the response to which they are linked.

General Information

- 1) Street Department Garage
3699 Fairview, Lake Station, Indiana 46405
City Hall
1969 Central Avenue, Lake Station, Indiana 46405
- 2) Dwayne M Polarek
City of Lake Station Sewer Department Supervisor
Phone: (219)962-8511
Fax: (219) 962-5769
Email: dpolarek@Lakestation-in.gov
- 3) Please see referenced Exhibits.
 - a. See Exhibit "3-a." (NPDES Permit # INJ063592)
 - b. See Exhibit "3-b."(i.-V.) c (i.-iii) Electronic GIS version City of Lake Station Sanitary Sewer System.
 - i. N/A
 - ii. N/A
 - iii. See Exhibit "3-b." Electronic GIS version titled City of Lake Station Storm Water System (On CD).
 - iv. Use Exhibit "27" (on CD) along with Exhibit "3-b."(On CD) for SSO locations. Lake Station has not had any chronic flooding areas within the past five years with sewage as a component. It has also not had any chronic basement backups at the same location within the past five years.
 - v. There are no permitted and/or non-permitted outfalls.
 - c. See enclosed GIS Shake Files. (On CD)
 - d. See Exhibit "3-d," Parts 1 thru 3. (SUO)

- e. See Exhibit "3-e." (MS4 Annual Report)
- f. See Exhibit "3-f." (GSD Agreement)
- g. See Exhibit "3-g." (2013 Annual Financial Report)
- h. See Exhibit "3-h." (2008 Rate Study)
- i. See Exhibit "3-i." (Resolution No. 2013-12)

Service Area and Service Connections¹

- 4) Answers (Do not include information/data regarding the City's contract municipal customer the Town of New Chicago):
 - a. Service area: 5.64 sq. miles
 - b. Population Served: 12,574 (2010 Census Data)
 - c. System inventory:

Miles of Gravity	Miles of Force Main	Number of Pump Stations
60.35	7.99	21

- d. Number of service connections:
 - Residential: 4,311
 - Commercial: 181
 - Industrial: 3
 - Total: 4,495
 - e. Number of households served: 4,030
 - f. Number of commercial service connections that include residential households: 50
 - g. Number of multi-household residential service connections: 50
- 5) 89.88%
 - 6) 5.08%
 - 7) Yes.
 - 8) Only GSD.
 - 9) Actual flows experienced for the previous 12 months:

	Average daily Wastewater Flow (MGD)	Source/Basis (or calculation method) of Average Daily Wastewater Flow Values	Average Daily Water Consumption (MGD)	Source (or calculation method) of Average Daily Water Consumption
Residential	1.42	% Drinking Water Flow Meter	0.57	Billing Statement
Commercial	0.16	% Drinking Water Flow	0.06	Billing Statement

¹ The City of Lake Station requested system data and operational and maintenance information from its satellite sewer system community customer, Town of New Chicago. The Town of New Chicago failed to provide said data in advance of the submission of this response. It will be promptly forwarded to USEPA if and when received.

		Meter		
Industrial	0.08	Wastewater Flow Meter	0.07	Billing Statement
Other	0.07	Wastewater Flow Meter	0.15	Billing Statement
Total	1.74		0.85	

10) No.

11) No.

Collection System Infrastructure and Capacity

12) Infrastructure age distribution estimates for the Collection System:

Age	Gravity Sewer, Miles	Force Mains, Miles	Number of Pump Stations
0– 25 Years	1.48	5.25	15
26– 50 Years	9.94	1.47	4
51– 75 Years	44.58	1.27	2
>76 Years	4.35	0	0

13) Pipe size distribution estimates for the Collection System:

Diameter in Inches	Gravity, miles	Force Mains, miles
8 inches or less	40.33	4.61
9- 18 inches	18.35	3.38
19- 36 inches	1.67	0
>36 inches	0	0

14) D. Other: From Building to sewer main, including connection.

15) High Water Table, Rivers, Old sewers, Easement access restrictions (fences, etc.).

16) No significant number of new connections in the past five years.

17) Capacity of the existing Sanitary Sewer System for new connections:

- No, not at this time. If any substantial new connection is proposed, metering would be performed to verify sufficient available capacity.
- No, the City does not have such a model.
- Yes, only for new connections adding a new significant flow or requiring an IDEM construction permit. No such connection has occurred in the last 5 years.

18) No

19) Yes, See Exhibit "6.-19." (On CD)

Satellite Community Name: Town of New Chicago
 % Flow Contribution: 4.13%

Primary Contact: Sue Pelfrey
122 Huber Rd, Hobart twp, Indiana 46342
Phone: 219-962-1157

20) Yes, Town of New Chicago is only such customer. (See Exhibits "20-a.-j.")

- a. No
- b. Yes
- c. Yes
- d. Yes
- e. Yes
- f. Yes
- g. Yes
- h. Yes
- i. No
- j. No

21) N/A since City does not surcharge Town.

22) SUO contents regarding right to control:

- a. Fats, oil, and grease Yes
- b. I/I Yes
- c. No, it's in zoning and building codes
- d. Storm water connections Yes
- e. Defects in private laterals Yes
- f. Sump pump/air conditioner Yes

Force Mains

23) 3

24) Description of the cause(s) of each Force Main failure that has occurred in the last five years.

- a. 15th & Elkhart Force main, Corrosion of pipe.
- b. 18th & Union Force main, Pipe repair from several years prior used the wrong type of couplings and pipe did not appear to have been bedded properly causing pipe to drop, resulting in leak at couplings.
- c. 18th & Union Force main, pipe cracked near joint due to stress from pipe dropping from bad repair referenced in 24.b.

25) Visual observation.

Pump Stations

26)

- a. 21
- b. 21
- c. 0
- d. 20
- e. 8
- f. 0
- g. 4
- h. 17

- i. 18
- j. 12

Sanitary Sewer Overflows

27) See Exhibit "27" (SSO Spread Sheet) (On CD)

28) See Exhibit "27" (On CD)

- a. 29
- b. 12
- c. 0
- d. 1
- e. 0
- f. 3
- g. 0

29) See Exhibit "27" (On CD)

- a. ~99,665.00 Gallons.
- b. ~2,017,010.00 Gallons.
- c. ~1,254,234.00 Gallons.
- d. Leak came from defective joint in gravity surcharged sewer. ~200 Gallons

30) See Exhibit "27" (On CD)

- a. 3
- b. 5
- c. 4
- d. 0
- e. 19
- f. 2
- g. 0
- h. 2
- i. 6
- j. 3
- k. 0

31) SSO affected surface waters:

- a. Primary contact 10
- b. Shell fish 0
- c. Drinking water source 0

32) SSO response equipment:

- a. (1) six-inch ABS bypass pump
- b. (1) four-inch ABS bypass pump
- c. (1) 100 kVA portable generator
- d. (2) Sucker trucks with jetting capabilities
- e. (1) Sewer camera system to investigate

33) Frequent on-site inspection of and continuous electronic monitoring of pump stations with high level alarm signals transmitted to City personnel. During an SSO, amount of discharge is

monitored and estimated GPM recorded until SSO has stopped. This has been added to the GIS as a Layer.

34) Written procedures or instructions for:

- a. Identifying SSOs Yes
- b. Emergency response for SSOs Yes
- c. Reporting all SSOs to state Yes
- d. Containment or cleanup of SSOs Yes
- e. Problem evaluation & resolution Yes

35) Phone call within 24hrs followed by a written report within 5 days.

Backups

36) A sewer call out form is completed for each call and a phone call to IDEM if problem is in City sewer line.

37) September 2009.

38) See Attached Exhibit "38-a.-k." (on CD)

39) No.

Blockages

40) If Blockage is in the sewer main it is documented on the sewer call out report and IDEM is notified if blockage results in a basement backup. Sewer callout reports are entered into a spread sheet for viewing.

41) See Exhibit "38-a.-k." (On CD)

- a. September 2009 = 5, 2010 = 16, 2011 = 15, 2012 = 8, 2013 = 8, January 2014 = 1
- b. 60 minutes.
- c. SSO's 2009 = 2, 2010 = 0, 2011 = 3, 2012 = 2, 2013 = 0, 2014 = 0. Basement Backups 2009 = 3, 2010 = 16, 2011 = 12, 2012 = 6, 2013 = 8, 2014 = 1.
- d. 2009 = 1,950 gallons, 2010 = 0, 2011 = 4005 Gallons, 2012 = 300 Gallons, 2013 = 0, January 2014 = 0.

Infiltration and Inflow

42)

- a. Yes, March 2010.
- b. Sometimes yes and sometimes no.
- c. No.
- d. Yes, Wet Weather SSO's have been reduced.
- e. No.

Operation and Maintenance

43) Installed Remote alarm systems on 12 of its 21 pump stations, rehab of pump stations, sewer line replacement - 1,871 feet, manhole rehab or replacement including installation of seal tight lids and castings. 2013 started utilizing Dukes root control in the root infested sewer lines, 2010 started cleaning and video-taping sewer lines. Future capital improvements will

include replacement of 3000 feet of 18 inch force main, continued replacement of manhole lids and frames, installation of more remote alarm systems on lift stations, and replacement or rehabbing of old pump stations.

- 44) No.
- 45) Continue cleaning and videotaping sewer lines, continue using a root treatment program, continue looking for illicit connections and smoke test areas with heavy infiltration as indicated in the 2010 flow study, grease trap inspections.
- 46) Exhibit "46-a.b."
 - a. Yes.
 - b. Yes.
- 47) Yes. Replacement of 3000 feet of old force main within 2 years, address most severe I/I problems disclosed by flow study, replacement of two old can style pump stations within 5 years, replacement of Viking Village pump station within 10 years.
- 48) Clean wet wells and inspect, proper maintenance of pump stations and regular inspections, continue cleaning and video inspection and condition assessment of sewer mains, performing spot repairs and application of root treatment chemicals where needed.
- 49) Yes, undersized pump capacity and insufficient detention and capacity in wet wells for major pump station.
- 50) No.
- 51) Manholes inspected on a ten year rotation.
- 52) Sewer cleaning is on a ten year schedule.
- 53) No.
- 54) No Records found of this ever being done.
- 55) Yes, excessive rust in just a few lift station wet wells, the concrete is in great shape but had all pump bases and piping replaced in four pump station wet wells. No evidence of gas corrosion was found.
- 56) None other than routine cleaning of pump stations.
- 57) Yes.
- 58) Yes. Pretreatment program is enforced per SUO and Lake Station's NPDES permit, with assistance from GSD, as needed, consistent with GSD's NPDES permits. (See attached agreement with GSD Exhibit "3-f")

Customer Complaints

- 59) Phone calls to the Utility Department office or Police Station, complaint is written down and a sewer tech is called at which time he investigates the complaint, upstream and downstream manholes are inspected for evidence of a sewer backup, a sewer call out form is filled out. If it is determined that the City sewer is responsible, a cleaning crew is called in and the sewer is cleaned. A copy of closed work orders are kept on file in the Utility Department office.
- 60) Sanitary Sewer System user complaints.
- a. September 2009 to January 1st 2010 = 22, January 2010 to January 2011 = 64, January 2011 to January 2012 = 37, January 2012 to January 2013 = 14, January 2013 to January 2014 = 15, January 1st 2014 to February 28th 2014 = 3.
 - b. September 2009 to January 1st 2010 = 3, January 2010 to January 2011 = 16, January 2011 to January 2012 = 12, January 2012 to January 2013 = 6, January 2013 to January 2014 = 8, January 1st 2014 to February 28th 2014 = 1.
 - c. Zero, see Exhibit "60-c.d."
 - d. 4 since 2009, see Exhibit "60-c.d."
- 61) Zero.

Financial Information

- 62) Use with Information Request Docket page 16.
- a. See Exhibit (62-a.).
 - b. The average annual sewer bill for a typical residential household assuming 5,000 gallons usage and 5/8 inch meter is \$420.12 for years 2009, 2010 and 2011 per Rate Ordinance No. 2009-01. It is \$552.60 for 2012 per Rate Ordinance No. 2012-03 and \$569.40 for 2013 per Rate Ordinance No. 2012-03 increased by 3% as stated in the City code.
 - c. Residential rate is based on water consumption.
 - d. 5000 Gallons.
 - e. January 1st 2014.
 - f. See Exhibit "62-f."
 - g. Rate increases are approved by Ordinance of the Lake Station City Council.
 - h. City of Lake Station Utility Department.
- 63) Information of revenue received from the sanitary sewer system user charges.
- a. See Exhibit "63-a."
 - b. 0%, debt paid with property taxes not user fees.
 - c. 100%.
- 64) Information related to revenue received from other sources use for O&M of the sanitary sewer system.
- a. See Exhibit "64-a."
 - b. See Exhibit "64-b."
 - c. 100%.
- 65) 2014 Budget. (See Exhibit 65)
- 66) Fiscal information related to the collection system for the most recent service year.
- a. See Exhibit "66-a."

- b. Not Found.
- c. See Exhibit "66-c." (Annual Debt Service)

67) Total annual cost paid to GSD for wastewater related services for the service years 2012 is \$901,575 and, to date, \$627,733 for 2013. In addition, For 2013 Lake Station will have to pay the true-up amount which is calculated by GSD to be Lake Station's proportionate share of GSD's O, M, & R and capital costs and verified by Lake Station after each calendar year less what has already been paid. This is necessary because the rates charged Lake Station during a calendar year are based on the prior year's recalculated rates and GSD bills Lake Station for capital costs with the rate recalculation report. The 2013 rate recalculation report should be received by Lake Station on or before May 16, 2014.

68) Separate storm water utility fee funds the Storm Water Department which receives no funding from Sanitary District.

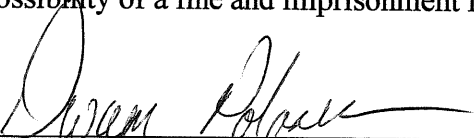
69) No.

70) No.

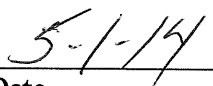
71) No.

CERTIFICATION

I certify under penalty of law that this response and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.



Dwayne Polarek



Date

EXHIBITS TABLE OF CONTENTS

- 1) Exhibit "3-a". (Lake Station NPDES Permit # INJ063592)
- 2) Exhibit "3-b.(i-v) c (i-iii) Electronic GIS version of City of Lake Station Sanitary Sewer System (On CD).
- 3) Exhibit "3-d." Parts 1 thru 3. (SUO)
- 4) Exhibit "3-e." (MS4 Annual Report)
- 5) Exhibit "3-f." (GSD Agreement)
- 6) Exhibit "3-g." (2013 Annual Financial Report)
- 7) Exhibit "3-h." (2008 Rate Study)
- 8) Exhibit "3-i." (Resolution No. 2013-12)
- 9) Exhibit "6.-19." (Calculation Spread sheet) (On CD.)
- 10) Exhibit "20-a.-j." (Rate Structure)
- 11) Exhibit "27" (SSO Spread Sheet) (On CD)
- 12) Exhibit "38-a.-k." (Basement Backup Spread Sheet) (on CD)
- 13) Exhibit "46-a.b." (Sanitary Sewer Overflow Response Plan)
- 14) Exhibit "60-c.d." (Claims Filed)
- 15) Exhibit "62-a." (Current Rate Schedule)
- 16) Exhibit "62-f." (Ordinance No. 2005-16)
- 17) Exhibit "63-a." (Revenue Status 2009 – 2013)
- 18) Exhibit "64-a." (Revenue Status 2009 – 2013)
- 19) Exhibit "64-b." (%Annual Revenue for long term Debt 2009 – 2013)
- 20) Exhibit "65" (2014 Sanitary District Budget)
- 21) Exhibit "66-a." (Department Appropriation Reports 2009 – 2013)
- 22) Exhibit "66-c." (Annual Debt Service)

Exhibit 3-a.



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

May 28, 2010

VIA ELECTRONIC MAIL

Mr. William Westmoreland, President
Lake Station Sanitary District
3699 Fairview Avenue
Lake Station, Indiana 46405

Dear Mr. Westmoreland:

Re: Final Operational Permit No. INJ063592
Lake Station Sanitary District Sewer Collection System
Lake County

Your application for an operational permit has been processed in accordance with rules adopted under 327 IAC 3 and IDEM's permitting authority under IC 13-15. The enclosed operational permit covers your discharges to the Gary Sanitary District Wastewater Treatment Plant. All discharges from this facility shall be consistent with the terms and conditions of this permit.

Please note that this permit issuance can be appealed. An appeal must be filed under procedures outlined in IC 13-15-6, IC 4-21.5, and the enclosed public notice. The appeal must be initiated by you within 18 days from the date this letter is postmarked, by filing a request for an adjudicatory hearing with the Office of Environmental Adjudication (OEA), at the following address:

Office of Environmental Adjudication
Indiana Government Center North
100 North Senate Avenue, Room 501
Indianapolis, IN 46204

Please send a copy of any such appeal to me at IDEM, Office of Water Quality-Mail Code 65-42, 100 North Senate Avenue, Indianapolis, Indiana 46204-2251.

Please reference the Post Public Notice Addendum, on the final pages of the Briefing Memo, for this Office's response to comments submitted during the public notice period.

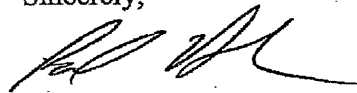
Mr. William Westmoreland, President

Page 2

The permit should be read and studied. It requires certain action at specific times by you, the discharger, or your authorized representative. One copy of this permit is also being sent to your operator to be kept at the treatment facility. You may wish to call this permit to the attention of your consulting engineer and/or attorney.

If you have any questions concerning your NPDES permit, please contact Julie K. Morris at 317/232-8739. Questions concerning appeal procedures should be directed to the Office of Environmental Adjudication, at 317/232-8591.

Sincerely,



Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

Enclosures

cc: Lake County Health Department
Dwayne Polarek, Sewer Technician
Scott May, American Structurepoint, Inc.
Mr. James B. Meyer
Northwest Regional Office, IDEM

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
AUTHORIZATION TO DISCHARGE UNDER THE
OPERATIONAL PERMIT PROGRAM

In accordance with the Indiana Department of Environmental Management's (IDEM's) permitting authority under IC 13-15 and 327 IAC 3-4, this operational permit is being issued to the

LAKE STATION SANITARY DISTRICT


hereinafter referred to as "the permittee." The permittee owns and/or operates a sanitary sewer system located at 3699 Fairview Ave, Lake Station, Indiana, Lake County. The permittee's sanitary sewer system conveys wastewater to the Gary Sanitary District for treatment at the Gary Sanitary District's wastewater treatment facility.

Effective Date: July 1, 2010

Expiration Date: June 30, 2015

In order to receive authorization to discharge beyond the date of expiration, the permittee shall submit such information and application forms as are required by the Indiana Department of Environmental Management. The application shall be submitted to IDEM at least 180 days prior to the expiration date of this permit, unless a later date is allowed by the Commissioner in accordance with 327 IAC 5-3-2 and Part II.A.5 of this permit.

Issued on May 28, 2010, for the Indiana Department of Environmental Management.



Paul Higginbotham, Chief
Permits Branch
Office of Water Quality

COLLECTION SYSTEM DESCRIPTION

The Lake Station Sanitary District operates a 100% separate sanitary sewer system by design. The Lake Station Sanitary District collection system transports wastewater to the Gary Sanitary District Wastewater Treatment Plant (WWTP) for treatment.

The wastewater collection system is 100% separate sanitary sewers by design with no bypass points.

PART I

A. SANITARY SEWER OVERFLOW PROHIBITION AND MONITORING REQUIREMENTS

1. During the period beginning on the effective date of this permit and lasting until the expiration date, the permittee is required to monitor and report any discharges from the collection system, other than the intended discharge into the Lake Station collection system, which transports the wastewater to the Gary Sanitary District Wastewater Treatment Plant, in accordance with the conditions set forth in the permit.

Overflows in the sanitary sewer system or in a sanitary portion of a combined sewer system are expressly **prohibited** from discharging at any time. Should any release from the sanitary sewer system occur, the permittee is required to notify the Enforcement Section of the Office of Water Quality orally within twenty-four (24) hours and in writing within five (5) days of the event in accordance with the requirements in Part II.C.2.b of this permit. The correspondence shall include the duration and cause of discharge as well as the remedial action taken to eliminate it.

2. Minimum Narrative Limitations

Discharge from any portion of the sewer system shall not cause receiving waters:

- a. including the mixing zone, to contain substances, materials, floating debris, oil, scum or other pollutants:

- (1) that will settle to form putrescent or otherwise objectionable deposits;
- (2) that are in amounts sufficient to be unsightly or deleterious;
- (3) that produce color, visible oil sheen, odor, or other conditions in such degree as to create a nuisance;
- (4) which are in amounts sufficient to be acutely toxic to, or to otherwise severely injure or kill aquatic life, other animals, plants, or humans;

- (5) which are in concentrations or combinations that will cause or contribute to the growth of aquatic plants or algae to such a degree as to create a nuisance, be unsightly, or otherwise impair the designated uses.
- b. outside the mixing zone, to contain substances in concentrations which on the basis of available scientific data are believed to be sufficient to injure, be chronically toxic to, or be carcinogenic, mutagenic, or teratogenic to humans, animals, aquatic life, or plants.

B. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored flow and shall be taken at times which reflect the full range and concentration of effluent parameters normally expected to be present. Samples shall not be taken at times to avoid showing elevated levels of any parameters.

2. Reporting

The permittee is not required to submit any forms or reports since the wastewater is not discharged to a receiving stream and there are no overflow points.

3. Definitions

- (1) The "Regional Administrator" is defined as the Region V Administrator, U.S. EPA, located at 77 West Jackson Boulevard, Chicago, Illinois 60604.
- (2) The "Commissioner" is defined as the Commissioner of the Indiana Department of Environmental Management, located at the following address: 100 North Senate Avenue, Indianapolis, Indiana 46204-2251.

C. REOPENING CLAUSES

- 1. As authorized under 327 IAC 3-4-3, the operational permit may be modified or, alternately, revoked and reissued, to reflect any of the causes for modification in 327 IAC 5-2-16.

PART II

STANDARD CONDITIONS FOR MUNICIPAL OPERATIONAL PERMITS

A. GENERAL CONDITIONS

1. Authority

The terms and conditions of this permit are authorized under:

- a. 327 IAC 3-4-3, which requires an operational permit to contain such terms and conditions as the Commissioner determines necessary to assure that the water pollution control facility will be operated in such a manner that any pollutants released or threatened to be released by the facility into the environment will not cause or contribute to violations of applicable water quality standards, or otherwise cause a significant adverse impact on the environment or the public health.
- b. 327 IAC 3-4-4(b), which requires that the provisions of 327 IAC 5-3-2, 327 IAC 5-3-3, 327 IAC 5-3-6, 327 IAC 5-3-7, 327 IAC 5-3-14, 327 IAC 5-3-15, and 327 IAC 5-3-16 be applied to the issuance of an operational permit.
- c. 327 IAC 5-3-6 (applicable under 327 IAC 3-4-4(b) above), which requires that the provisions of 327 IAC 5-2-6, 327 IAC 5-2-8, 327 IAC 5-2-9, 327 IAC 5-2-10, 327 IAC 5-2-13, 327 IAC 5-2-14, and 327 IAC 5-2-15 be contained in the draft permit.
- d. the miscellaneous administrative provisions of 327 IAC 3-5.

2. Duty to Comply

The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and IC 13 and is grounds for enforcement action or permit termination, revocation and reissuance, modification, or denial of a permit renewal application.

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3. Duty to Mitigate

In accordance with 327 IAC 5-2-8(3), the permittee shall take all reasonable steps to minimize or correct any adverse impact to the environment resulting from noncompliance with this permit. During periods of noncompliance, the permittee shall conduct such accelerated or additional monitoring for the affected parameters, as appropriate or as requested by IDEM, to determine the nature and impact of the noncompliance.

4. Duty to Provide Information

The permittee shall submit any information that the permittee knows or has reason to believe would constitute cause for modification or revocation and reissuance of the permit at the earliest time such information becomes available, such as plans for physical alterations or additions to the facility that:

- a. could significantly change the nature of, or increase the quantity of, pollutants discharged; or
- b. the Commissioner may request to evaluate whether such cause exists.

In accordance with 327 IAC 5-1-3(a)(5), the permittee must also provide any information reasonably requested by the Commissioner.

5. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must obtain and submit a renewal of this permit in accordance with 327 IAC 5-3-2(a)(2). It is the permittee's responsibility to obtain and submit the application. The application must be submitted at least 180 days before the expiration date of this permit. This deadline may be extended if:

- a. permission is requested in writing before such deadline;
- b. IDEM grants permission to submit the application after the deadline; and
- c. the application is received no later than the permit expiration date.

6. Transfers

This permit is nontransferable to any person except in accordance with 327 IAC 3-5-2. This permit may be transferred to another person by the permittee, without modification or revocation and reissuance being required, if the following requirements of 327 IAC 5-2-6(c) are met:

- a. the current permittee notify the Commissioner at least thirty (30) days in advance of the proposed transfer date.
- b. a written agreement containing a specific date of transfer of permit responsibility and coverage between the current permittee and the transferee (including acknowledgment that the existing permittee is liable for violations up to that date, and the transferee is liable for violations from that date on) is submitted to the Commissioner.

- c. the transferee certifies in writing to the Commissioner their intent to operate the facility without making such material and substantial alterations or additions to the facility as would significantly change the nature or quantities of pollutants discharged and thus constitute cause for permit modification under 327 IAC 5-2-16(d).
However, the Commissioner may allow a temporary transfer of the permit without permit modification for good cause, e.g., to enable the transferee to purge and empty the facility's treatment system prior to making alterations, despite the transferee's intent to make such material and substantial alterations or additions to the facility.
- d. the Commissioner, within thirty (30) days, does not notify the current permittee and the transferee of the intent to modify, revoke and reissue, or terminate the permit and to require that a new application be filed rather than agreeing to the transfer of the permit.

The Commissioner may require modification or revocation and reissuance of the permit to identify the new permittees and incorporate such other requirements as may be necessary under state law.

7. Permit Actions

In accordance 327 IAC 5-2-8(4), this permit may be modified, revoked and reissued, or terminated for cause. As authorized under 327 IAC 3-4-3, the following causes for modification, revocation and reissuance, or termination under 327 IAC 5-2-16(b) apply to the operational permit:

- a. Violation of any terms or conditions of this permit;
- b. Failure of the permittee to disclose fully all relevant facts or misrepresentation of any relevant facts in the application, or during the permit issuance process; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge controlled by the permittee (e.g., plant closure, termination of the discharge, a change in state law or information indicating the discharge poses a substantial threat to human health or welfare).

Filing of either of the following items does not stay or suspend any permit condition: (1) a request by the permittee for a permit modification, revocation and reissuance, or termination, or (2) submittal of information specified in Part II.A.4 of the permit including planned changes or anticipated noncompliance.

The permittee shall submit any information that they know or have reason to believe would constitute cause for modification or revocation and reissuance of the permit at the earliest time such information becomes available, such as plans for physical alterations or additions to the permitted facility that:

1. could significantly change the nature of, or increase the quantity of, pollutants; or
2. the Commissioner may request to evaluate whether such cause exists.

8. Property Rights

Pursuant to 327 IAC 5-2-8(6), the issuance of this permit does not convey any property rights of any sort or any exclusive privileges. As applicable under 327 IAC 3-4-3, the issuance of this permit does not authorize any injury to persons or private property or an invasion of rights, any infringement of federal, state, or local laws or regulations. The issuance of the permit also does not preempt any duty to obtain any other state, or local assent required by law for the discharge or for the construction or operation of the facility from which a discharge is made.

9. Severability

In accordance with 327 IAC 1-1-3, the provisions of this permit are severable and, if any provision of this permit or the application of any provision of this permit to any person or circumstance is held invalid, the invalidity shall not affect any other provisions or applications of the permit which can be given effect without the invalid provision or application.

10. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Clean Water Act.

11. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law.

12. Penalties for Violation of Permit Conditions

In accordance with 327 IAC 3-5-4, penalties for violation of this operational permit are governed by IC 13-30 (re-codified from IC 13-7-13). Pursuant to IC 13-30-4, a person who violates any provision of this permit, the water pollution control laws; environmental management laws; or a rule or standard adopted by the Water Pollution Control Board is liable for a civil penalty not to exceed twenty-five thousand dollars (\$25,000) per day of any violation. Pursuant to IC 13-30-5, a person who obstructs, delays, resists, prevents, or interferes with (1) the department; or (2) the department's personnel or designated agent in the performance of an inspection or investigation commits a class C infraction.

Pursuant to IC 13-30-10, a person who intentionally, knowingly, or recklessly violates any provision of this permit, the water pollution control laws or a rule or standard adopted by the Water Pollution Control Board commits a class D felony punishable by the term of imprisonment established under IC 35-50-2-7(a) (up to one year), and/or by a fine of not less than five thousand dollars (\$5,000) and not more than fifty thousand dollars (\$50,000) per day of violation. A person convicted for a violation committed after a first conviction of such person under this provision is subject to a fine of not more than one hundred thousand dollars (\$100,000) per day of violation, or by imprisonment for not more than two (2) years, or both.

13. Penalties for Tampering or Falsification

In accordance with 327 IAC 5-2-8(9), the permittee shall comply with monitoring, recording, and reporting requirements of this permit. The Clean Water Act, as well as IC 13-30-6-2 and IC 35-50-3-3, provides that any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under a permit shall, upon conviction, be punished by a fine of not more than ten thousand dollars (\$10,000) per violation, or by imprisonment for not more than one hundred eighty (180) days per violation, or by both.

14. Toxic Pollutants

If any applicable effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Clean Water Act for a toxic pollutant injurious to human health, and that standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition in accordance with 327 IAC 5-2-8(5). Effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants injurious to human health are effective and must be complied with, if applicable to the permittee, within the time provided in the implementing regulations, even absent permit modification.

15. Construction Permit

Except in accordance with 327 IAC 3, the permittee shall not construct, install, or modify any water pollution treatment/control facility as defined in 327 IAC 3-1-2(24). Upon completion of any construction, the permittee must notify the Compliance Evaluation Section of the Office of Water Quality in writing.

16. Inspection and Entry

In accordance with 327 IAC 3-5-6(c) and 327 IAC 5-2-8(7), the permittee shall allow the Commissioner, or an authorized representative, (including an authorized contractor acting as a representative of the Commissioner) upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the permittee premises where a point source, regulated facility, or activity is located or conducted, or where records must be kept pursuant to the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit;
- c. Inspect at reasonable times any facilities, equipment or methods (including monitoring and control equipment), practices, or operations regulated or required pursuant to this permit; and
- d. Sample or monitor at reasonable times, any discharge of pollutants or internal wastestreams for the purposes of evaluating compliance with the permit or as otherwise authorized.

B. MANAGEMENT REQUIREMENTS

1. Facility Operation, Maintenance and Quality Control

- a. In accordance with 327 IAC 5-2-8(8), the permittee shall at all times maintain in good working order and efficiently operate all facilities and systems (and related appurtenances) for collection that are:
 - (1) installed or used by the permittee; and
 - (2) necessary for achieving compliance with the terms and conditions of the permit.
- b. The permittee shall provide an adequate operating staff which is duly qualified to carry out the operation and maintenance to ensure compliance with the conditions of this permit.
- c. Maintenance of all waste collection and control facilities shall be conducted in a manner that complies with the overflow provisions set forth below.
- d. The permittee shall comply with the requirements set forth in the Compliance Plan of the Agreed Order (Case No. 2009-18313-W).
- e. Any extensions to the sewer system must continue to be constructed on a separated basis. Plans and specifications, when required, for extension of the sanitary system must be submitted to the Facility Construction Section, Office of Water Quality in accordance with 327 IAC 3-2-1. There shall also be an ongoing preventative maintenance program for the sanitary sewer system.
- f. Any overflow or release of sanitary wastewater from the collection system into the environment which is not specifically authorized by this permit is expressly prohibited (pursuant to IC 13-30-2-1, IC 13-18-4-5 and 327 IAC 5-2-2). This

prohibition applies to sanitary sewer overflows, regardless of cause, including releases from cracked or broken pipes, manholes, basement backups or any other source or reason.

2. Removed Substances

Solids or other pollutants removed from or resulting from control of wastewaters shall be disposed of in a manner such as to prevent any pollutant from such materials from entering waters of the State and to be in compliance with all Indiana statutes and regulations relative to liquid and/or solid waste disposal.

- a. Collected solids and other such pollutants shall be disposed of in accordance with provisions set forth in 329 IAC 10, 327 IAC 6.1, or another method approved by the Commissioner.
- b. The permittee shall comply with existing federal regulations governing solids disposal, and with applicable provisions of 40 CFR Part 503, the federal sludge disposal regulation standards.
- c. The permittee shall notify the Commissioner prior to any changes in solids use or disposal practices.
- d. The permittee shall maintain records to demonstrate its compliance with the above disposal requirements.

3. Power Failures

In accordance with 327 IAC 5-2-10 and 327 IAC 5-2-8(13) in order to maintain compliance with the prohibitions of this permit, the permittee shall either:

- a. provide an alternative power source sufficient to operate facilities utilized by the permittee to maintain compliance with the conditions of this permit, or
- b. shall halt, reduce or otherwise control all flows in order to maintain compliance with the conditions of this permit upon the reduction, loss, or failure of one or more of the primary sources of power to facilities utilized by the permittee to maintain compliance with the conditions of this permit.

C. REPORTING REQUIREMENTS

1. Planned Changes in Facility or Discharge

Pursuant to 327 IAC 5-2-8(10)(F) and 5-2-16(d) (as authorized under 327 IAC 3-4-3), the permittee shall give notice to the Commissioner as soon as possible of any planned alterations or additions to the collection system (which includes any point source) that could significantly change the nature of, or increase the quantity of, flows.

2. Twenty-Four Hour Reporting Requirements

Pursuant to 327 IAC 5-2-8(10), the permittee shall orally report to the Commissioner information on the following types of noncompliance within 24 hours from the time permittee becomes aware of such noncompliance. If the noncompliance meets the requirements of item b (Part II.C.2.b) or 327 IAC 2-6.1, then the report shall be made within those prescribed time frames.

- a. Any noncompliance which may pose a significant danger to human health or the environment. Reports under this item shall be made as soon as the permittee becomes aware of the noncomplying circumstances by calling 317/233-7745 (888/233-7745 toll free in Indiana); or
- b. Any discharge from the sanitary sewer system.

The permittee can make the oral reports by calling 317/232-8670 during regular business hours or by calling 317/233-7745 (888/233-7745 toll free in Indiana) during non-business hours. A written submission shall also be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce and eliminate the noncompliance and prevent its recurrence. The Commissioner may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. Alternatively the permittee may submit a "Bypass Overflow/Incident Report" or a "Noncompliance Notification Report", whichever is applicable, to IDEM at 317/232-8637 or 317/232-8406 or to wwreports@idem.IN.gov. If a complete fax or email submittal is sent within 24 hours of the time that the permittee became aware of the occurrence, then that report will satisfy both the oral and written reporting requirements.

3. Other Noncompliance

Pursuant to 327 IAC 5-2-8(10)(D), the permittee shall report any instance of noncompliance not reported under the "Twenty-Four Hour Reporting Requirements" in Part II.C.3, not related to the failure to report planned changes in the permitted facility, or not relating to any compliance schedules as soon as the permittee becomes aware of the noncomplying circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent the noncompliance.

4. Other Information

Pursuant to 327 IAC 5-2-8(10)(E), where the permittee becomes aware that it failed to submit any relevant facts or submitted incorrect information in a permit application or in any report to the Commissioner, the permittee shall promptly submit such facts or corrected information to the Commissioner.

5. Signatory Requirements

Pursuant to 327 IAC 5-2-22 and 327 IAC 5-2-8(14):

- a. All reports required by the permit and other information requested by the Commissioner shall be signed and certified by a person described below or by a duly authorized representative of that person:
 - (1) For a corporation: by a principal executive defined as a president, secretary, treasurer, any vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy-making functions for the corporation or the manager of one or more manufacturing, production, or operating facilities employing more than two hundred fifty (250) persons or having gross annual sales or expenditures exceeding twenty-five million dollars (\$25,000,000) (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a federal, state, or local governmental body or any agency or political subdivision thereof: by either a principal executive officer or ranking elected official.
- b. A person is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described above.
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, or position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
 - (3) The authorization is submitted to the Commissioner.

- c. Certification. Any person signing a document identified under paragraphs a and b of this section, shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

6. Availability of Reports

Except for data determined to be confidential under 327 IAC 12.1, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Indiana Department of Environmental Management and the Regional Administrator. As required by the Clean Water Act, permit applications, permits, and effluent data shall not be considered confidential.

7. Penalties for Falsification of Reports

IC 13-30 and 327 IAC 5-2-8(14) provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, shall, upon conviction, be punished by a fine or not more than \$10,000 per violation, or by imprisonment for not more than 180 days per violation, or by both.

8. Progress Reports

In accordance with 327 IAC 5-2-8(10)(A), reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.

9. Advance Notice for Planned Changes

In accordance with 327 IAC 5-2-8(10)(B), the permittee shall give advance notice to IDEM of any planned changes in the permitted facility, any activity, or other circumstances that the permittee has reason to believe may result in noncompliance with permit requirements.

D. ADDRESSES

1. Cashiers Office

Indiana Department of Environmental Management
Cashiers Office – Mail Code 50-10C
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Cashiers Office:

- a. NPDES permit applications (new, renewal or modifications) with fee
- b. Construction permit applications with fee

2. Municipal NPDES Permits Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Municipal Permits Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Municipal NPDES Permits Section:

- a. Comment letters pertaining to draft NPDES permits
- b. NPDES permit transfer of ownership requests
- c. NPDES permit termination requests
- d. Notifications of substantial changes to a facility, including new industrial sources

3. Compliance Data Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Compliance Evaluation Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

The following correspondence shall be sent to the Compliance Data Section:

- a. Gauging station and flow meter calibration documentation
- b. Compliance schedule progress reports

c. Completion of Construction notifications.

4. Enforcement Section

Indiana Department of Environmental Management
Office of Water Quality – Mail Code 65-42
Enforcement Section
100 N. Senate Avenue
Indianapolis, Indiana 46204-2251

a. Overflow reports

b. Anticipated Overflow Reports

February 4, 2010
Updated: May 12, 2010

Collection System Location Latitude: 41° 34' 26.9" N
Longitude: 87° 14' 19.7" W

Background

Collection System

<u>SSO #</u>	<u>Location</u>	<u>Receiving Stream</u>
001	Viking Village Lift Station located north of 33 rd Ave. next to Deep River Latitude: 41° 33' 29.4" N Longitude: 87° 15' 5.8" W	Deep River

Operational Permit Program

1

More specifically, 327 IAC 3-4-4(b) requires that the procedures for the issuance of NPDES permits under 327 IAC 5-3-2, 327 IAC 5-3-3, 327 IAC 5-3-6, 327 IAC 5-3-7, 327 IAC 5-3-14, 327 IAC 5-3-15, and 327 IAC 5-3-16, apply to the issuance of the operational permit. These rules address the application requirements, permit modifications, tentative permit decisions, briefing memos, permit issuance and effective dates, response to comment procedures, and judicial reviews applicable to the operational permit. 327 IAC 5-3-6 (applicable under 327 IAC 3-4-4(b) above) requires that the basic NPDES requirements addressed in 327 IAC 5-2-6, 327 IAC 5-2-8, 327 IAC 5-2-9, 327 IAC 5-2-10, 327 IAC 5-2-13, 327 IAC 5-2-14, and 327 IAC 5-2-15 be incorporated in the operational permit. Finally, 327 IAC 3-5 provides the regulatory authority specific to operational permits for various miscellaneous administrative provisions including enforcement, penalties and fees.

The operational permit includes NPDES regulatory citations where applicable as described above. In some instances, an NPDES regulation not directly applicable to the operational permit has been cited as applicable under the general regulatory authority of 327 IAC 3-4-3.

Receiving Stream

The collection system discharges to the Gary Sanitary District WWTP for treatment.

Compliance History

The City of Lake Station is currently under Case Number 2009-18313-W for a number of deficiencies in the operation and maintenance of the collection system, including operating a collection system without a valid permit.

Reopening Clauses

As authorized under 327 IAC 3-4-3, the operational permit includes a reopening clause allowing the permit to be modified or, alternately, revoked and reissued, to reflect any of the causes for modification in 327 IAC 5-2-16.

Permit Term

A five-year term for operational permit No. INJ063592 is proposed.

Drafted by: Julie Morris
February 4, 2010

POST PUBLIC NOTICE ADDENDUM: May 2010

The draft NPDES permit renewal for the Lake Station Sanitary District was made available for public comment from February 17, 2010 through March 17, 2010 as part of Public Notice No. 2010-2E-RD. A comment letter from Mr. James B. Meyer, Attorney for the Lake Station Sanitary District, was received on March 22, 2010 and on April 27, 2010. The comments submitted, and this Office's corresponding responses, are summarized below: Any changes to the permit and/or briefing memo are so noted below.

Comments provided by Mr. James B. Meyer on March 22, 2010:

Comment 1: Mr. Meyer stated that the Sanitary Sewer Overflow (SSO) at the Viking Village pump station has been eliminated.

Response 1: The SSO Outfall 001 located at the Viking Village lift station has been removed from the permit.

Comment 2: Mr. Meyer stated that the Lake Station Sanitary District (LSSD) doesn't see a need for any sampling and/or testing that isn't already done by the Gary Sanitary District. Mr. Meyer stated that submitting a Monthly Report of Operation (MRO) or a Discharge Monitoring Report (DMR) is not an appropriate requirement since the only discharge is to the Gary Sanitary District, which samples and tests LSSD's discharge weekly. Mr. Meyer requested that the MRO form be eliminated and only sanitary sewer overflows be reported on the DMR, which should be submitted quarterly to avoid excessive paperwork. Mr. Meyer also requested that the monitoring requirements in the permit be eliminated and the reporting requirements be modified in Section B of the permit.

Response 2: This Office has determined that since the Sanitary Sewer Overflow at the Viking Village lift station has been plugged, there is no need for the LSSD to submit a MRO or DMR form. These changes to the monitoring and reporting language in Part I.B. have been made to the permit. Should any release from the sanitary sewer system occur, the permittee is required to notify the Compliance Data Section of the Office of Water Quality orally within twenty-four (24) hours and in writing within five (5) days of the event in accordance with the requirements in Part II.C.2 of the permit.

Comment 3: Mr. Meyer requested that all references to treatment, treatment facilities, and treatment requirements be deleted since the LSSD provides no treatment. Mr. Meyer also requested additional language changes to Part II.B. of the permit.

Response 3: The requested changes have been made to the permit, except for the removal of Part II.B.2.b. and Part II.B.2.c. These sections have been retained in the permit.

Comment 4: Mr. Meyer requested language changes to Part II.C. of the permit. Mr. Meyer also requested language to establish a requirement regarding the implementation of its pretreatment program, which would include the reporting of any new industrial discharge. Mr. Meyer stated that the LSSD is required to implement a pretreatment program similar to the Gary Sanitary District's program, but there doesn't appear to be any language in the draft permit that addresses this.

Response 4: The requested changes have been made to Part II.C.1. of the permit. However, no additional language was added regarding pretreatment requirements. IDEM does not have the authority to comment on a binding agreement between two parties.

Comment 5: Mr. Meyer requested additional language changes to Part II.D. of the permit.

Response 5: The requested changes have been made to the permit.

Additional comment provided by Mr. James B. Meyer on April 27, 2010:

Comment 1: Mr. Meyer stated that there is no "binding agreement" between Gary Sanitary District (GSD) and Lake Station Sanitary District (LSSD) in regards to establishing and implementing a pretreatment program. Mr. Meyer stated that Federal regulations under 40 CFR 403.8(f)(1) and corresponding Indiana regulations require LSSD to implement a pretreatment program that involves surveys, monitoring, and as necessary, issuance of appropriate Industrial Pretreatment Program permits to industrial users that meet the necessary requirements. Mr. Meyer also stated that specific pretreatment language is mentioned in GSD's NPDES permit. Mr. Meyer requested that a statement be added to the operational permit stating that LSSD is required to comply with all Federal and State laws and regulations regarding implementing an appropriate Industrial Pretreatment Program that provides for adequate pretreatment standards and requirements on LSSD's industrial users. Mr. Meyer stated that LSSD should enter into a legally binding agreement with GSD to establish legally binding procedures to ensure that all LSSD industrial users are subject to enforceable pretreatment standards and requirements in accordance with 40 CFR 403.8(f)(1) and that LSSD's Sewer Use Ordinance (SUO) be updated so as not to be less protective than Gary's SUO.

Response 1: In consulting with IDEM and EPA's Region 5 Pretreatment Coordinators, it has been determined that this Office cannot add any pretreatment requirements to LSSD's operational permit. In accordance with 40 CFR 403.1, LSSD is not a Publicly Owned Treatment Works (POTW) and does not discharge to waters of the state. This Office has removed the pretreatment group requirements in Part II.D. of the permit.

Drafted by: Julie Morris
May 12, 2010

STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

PUBLIC NOTICE NO. 2010 - 5G - F

DATE OF NOTICE: MAY 28, 2010

The Office of Water Quality issues the following NPDES FINAL PERMIT.

NEW - OPERATIONAL PERMIT

LAKE STATION SANITARY DISTRICT SEWER COLLECTION SYSTEM, Permit No. INJ063592, LAKE COUNTY, 3699 Fairview Av, Lake Station, IN. This municipal collection system conveys wastewater to the Gary Sanitary District for treatment. Permit Writer: Julie Morris at 317/232-8739, jkmorris@idem.in.gov.

APPEAL PROCEDURES FOR FINAL PERMITS

The Final Permits are available for review & copies at IDEM, Indiana Government Center, North Bldg, 100 N Senate Ave, Indianapolis, IN, Rm 1203, Office of Water Quality/NPDES Permit Section, from 9 - 4, M - F (copies 10¢ per page). Each Final Permit is available at the respective, local County Health Department. **Please tell others you think would be interested in this matter.** Regarding your rights and responsibilities pertaining to the Public Notice process and timeframes, please refer to IDEM websites: <http://www.in.gov/idem/5474.htm> and IDEM Permit Guide (Public Participation): <http://www.in.gov/idem/4172.htm>. To view the Citizen Guide go to: <http://www.in.gov/idem/5803.htm>.

Appeal Procedure: Any person affected by the issuance of the Final Permit may appeal by filing a Petition for Administrative Review with the Office of Environmental Adjudication within eighteen (18) days of the date of this Public Notice. Any appeal request must be filed in accordance with IC 4-21.5-3-7 and must include facts demonstrating that the party requesting appeal is the applicant; a person aggrieved or adversely affected or is otherwise entitled to review by law.

Timely filing: The Petition for Administrative Review must be received by the Office of Environmental Adjudication (OEA) within 18 days of the date of this Public Notice; either by U.S. Mail postmark or by private carrier with dated receipt. This Petition for Administrative Review represents a request for an Adjudicatory Hearing, therefore must:

- state the name and address of the person making the request;
- identify the interest of the person making the request;
- identify any persons represented by the person making the request;
- state specifically the reasons for the request;
- state specifically the issues proposed for consideration at the hearing;
- identify the Final Permit Rule terms and conditions which, in the judgment of the person making the request, would be appropriate to satisfy the requirements of the law governing this NPDES Permit rule.

If the person filing the Petition for Administrative Review desires any part of the NPDES Final Permit Rule to be stayed pending the outcome of the appeal, a Petition for Stay must be included in the appeal request, identifying those parts to be stayed. Both Petitions shall be mailed or delivered to the address here:
Phone: 317/232-8591.

Environmental Law Judge
Office of Environmental Adjudication
IGC - North Building- Rm 501
100 N. Senate Avenue
Indianapolis IN 46204

Stay Time frame: If the Petition (s) is filed within eighteen (18) days of the mailing of this Public Notice, the effective date of any part of the permit, within the scope of the Petition for Stay is suspended for fifteen (15) days. The Permit will become effective again upon expiration of the fifteen (15) days, unless or until an Environmental Law Judge stays the permit action in whole or in part.

Hearing Notification: Pursuant to Indiana Code, when a written request is submitted, the OEA will provide the petitioner or any person wanting notification, with the Notice of pre-hearing conferences, preliminary hearings, hearing stays or orders disposing of the Petition for Administrative Review. Petition for Administrative Review must be filed in compliance with the procedures and time frames outlined above. Procedural or scheduling questions should be directed to the OEA at the phone listed above.

Lake Station, Indiana Sanitary System Map

